SERFF Tracking #: MILL-131718987 State Tracking #: MILL-131718987

Company Tracking #: LTC3+ NQ COMP

State: Pennsylvania Filing Company: Brighthouse Life Insurance Company

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.002 Non Qualified

Product Name: Long-Term Care

Project Name/Number: Round 4.1 Filing/145GEC01-70

# Filing at a Glance

Company: Brighthouse Life Insurance Company

Product Name: Long-Term Care State: Pennsylvania

TOI: LTC03I Individual Long Term Care

Sub-TOI: LTC03I.002 Non Qualified

Filing Type: Rate - Other (Not M.U. or G.I. Product)

Date Submitted: 02/26/2019

SERFF Tr Num: MILL-131718987

SERFF Status: Assigned

State Tr Num: MILL-131718987

State Status: Received Review in Progress

Co Tr Num: LTC3+ NQ COMP

Implementation On Approval

Date Requested:

Author(s): Mike Bergerson, John Hebig, Joe Neary, Tanisha Duwearatchi, Andrew Duxbury, Brett Jones,

Joseph Carlstrom

Reviewer(s): Jim Laverty (primary), David D'Agostino

Disposition Date:
Disposition Status:
Implementation Date:

State Filing Description:

Proposed 56.1% increase on 691 policyholders of Brighthouse Life forms H-LTC3JP and H-LTC3JP27 (Series name is LTC3+ NQ COMP).

State: Pennsylvania Filing Company: Brighthouse Life Insurance Company

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.002 Non Qualified

**Product Name:** Long-Term Care

Project Name/Number: Round 4.1 Filing/145GEC01-70

## **General Information**

Project Name: Round 4.1 Filing

Status of Filing in Domicile: Authorized

Project Number: 145GEC01-70

Date Approved in Domicile: 05/22/2018

Requested Filing Mode: Review & Approval Domicile Status Comments: A 15.0% rate increase was filed in

Delaware on May 22, 2018.

Explanation for Combination/Other:

Submission Type: New Submission

Market Type: Individual Market Type:

Overall Rate Impact: 56.1% Filing Status Changed: 02/27/2019

State Status Changed: 02/27/2019

Deemer Date: Created By: David Chou

Submitted By: John Hebig Corresponding Filing Tracking Number:

State TOI: LTC03I Individual Long Term Care

#### Filing Description:

Milliman, Inc. has been retained by GNA Corporation to submit the referenced rate filing on behalf of Brighthouse Life Insurance Company for your review. In preparing this rate filing, I relied on data provided to me by Union Fidelity Life Insurance Company (UFLIC), the retrocessionaire on this business, and Genworth Life Insurance Company (Genworth), a reinsurer of this business.

H-LTC3JP, et al. and H-LTC3JP27, et al. are existing individual comprehensive long term care policies of insurance previously approved in 1994. These forms were issued in Pennsylvania from July 1994 through February 1998 and are no longer being marketed in any state. Nationwide, the last policies were issued in 1999.

The company is requesting the approval of a premium rate increase on the above listed forms and all associated riders. The increase is needed due to morbidity and persistency levels which produce lifetime loss ratios in excess of original pricing and the minimum requirement. As noted in the attached actuarial memorandum, five prior increases have been approved and implemented on these forms and associated riders.

- 1.A 14.92% increase, phased in over a two year period, was approved on July 28, 2010 and implemented on each contract's next billing anniversary beginning December 2, 2010.
- 2.A 15.0% increase was approved on February 28, 2014 and implemented on each contract's next billing anniversary beginning July 12, 2014.
- 3.A 15.0% increase was approved on July 21, 2015 and implemented on each contract's next billing anniversary beginning October 17, 2015.
- 4.A 15.0% increase was approved on December 13, 2016 and implemented on each contract's next billing anniversary beginning March 4, 2017.
- 5.On November 15, 2017, the company requested a rate increase of 71.7%. A 10.0% increase was approved on March 6, 2018 and implemented on each contract's next billing anniversary beginning June 2, 2018.

Emerging experience continues to show the need for the full amount requested in the prior filing so the company is requesting a premium rate increase of 56.1% at this time. While a significantly larger rate increase is justified, the company is willing at this time to forgo approximately 90% of the rate increase needed to restore the loss ratio to the original pricing expectation.

This premium rate increase is needed to reduce the lifetime loss ratio, which far exceeds the original pricing level and the minimum requirements set by state insurance law. The company is seeking approximately equal cumulative premium rate increases across all jurisdictions (except where limited by regulatory restrictions). The company prefers to implement rate

State: Pennsylvania Filing Company: Brighthouse Life Insurance Company

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.002 Non Qualified

Product Name: Long-Term Care

Project Name/Number: Round 4.1 Filing/145GEC01-70

increases sooner at the requested level and avoid incrementally larger increases in the future.

Although the company expects to continue to shoulder a significant portion of the rate increase needed on this block, it will continue to monitor experience and reserves the right to request additional rate increases, even if experience does not deteriorate further from the current level.

Similar to the prior increases, the company will offer insureds affected by the premium increase the option of reducing their benefits, where possible, to provide flexibility of choice for those insureds who wish to maintain a premium level reasonably similar to what they were paying prior to the rate increase. There are several options for benefit reductions available to most policyholders (subject to policy and state minimum requirements). Insureds may be able to increase their elimination period, shorten their benefit period, reduce their daily benefit amount, remove or reduce inflation protection, or any combination of these.

For eligible policyholders who do not have a nonforfeiture benefit as part of their policy, the company is making an optional limited benefit available for those who wish to elect a limited paid-up long term care insurance benefit. This option provides a paid-up policy with benefits equal to the total of premiums paid, less any claims paid. While the company is strongly encouraging policyholders to keep or reduce their existing coverage, it believes it is important to provide a comprehensive set of options to policyholders. The optional limited benefit endorsement form MICC OLB 10/07/2013 was previously approved by the Department.

# **Company and Contact**

## **Filing Contact Information**

John Hebig, Actuary john.hebig@milliman.com 8500 Normandale Lake Blvd. 952-820-2488 [Phone] Suite 1850 952-897-5301 [FAX]

MN

**MINNEAPOLIS, MN 55437-3830** 

## **Filing Company Information**

(This filing was made by a third party - millimaninc)

Brighthouse Life Insurance CoCode: 87726 State of Domicile: Delaware

Company Group Code: 241 Company Type:
1209 Orange Street Group Name: Metropolitan Group Life/Accident/Health
Wilmington, DE 19801 FEIN Number: 06-0566090 State ID Number:

(860) 768-0328 ext. [Phone]

## Filing Fees

Fee Required? Yes
Fee Amount: \$100.00
Retaliatory? Yes

Fee Explanation: The state of domicile, Delaware, has a \$100 fee.

Per Company: Yes

CompanyAmountDate ProcessedTransaction #Brighthouse Life Insurance Company\$100.0002/26/2019156237844

State: Pennsylvania Filing Company: Brighthouse Life Insurance Company

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.002 Non Qualified

**Product Name:** Long-Term Care

Project Name/Number: Round 4.1 Filing/145GEC01-70

## **Rate Information**

Rate data applies to filing.

Filing Method: Review and Approval

Rate Change Type: Increase

Overall Percentage of Last Rate Revision: 10.000%

Effective Date of Last Rate Revision: 06/02/2018

Filing Method of Last Filing: Review and Approval SERFF Tracking Number of Last Filing: MILL-131126040

## **Company Rate Information**

			•				
	Overall %	Overall %	Written Premium	<b>Number of Policy</b>	Written	Maximum %	Minimum %
Company	Indicated	Rate	Change for	<b>Holders Affected</b>	Premium for	Change	Change
Name:	Change:	Impact:	this Program:	for this Program:	this Program:	(where req'd):	(where req'd):
Brighthouse Life Insurance Company	%	56.100%	\$1,163,354	691	\$2,073,715	56.100%	56.100%

 State:
 Pennsylvania

 Filing Company:
 Brighthouse Life Insurance Company

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.002 Non Qualified

Product Name: Long-Term Care

Project Name/Number: Round 4.1 Filing/145GEC01-70

# Rate/Rule Schedule

	ltem No.	Schedule Item Status	Document Name	Affected Form Numbers (Separated with commas)	Rate Action	Rate Action Information	Attachments
•	1		Rate Tables	H-LTC3JP, H-LTC3JP27, et al.	Revised	Previous State Filing Number: MILL-131126040 Percent Rate Change Request: 56.1	PA_LTC3+_Comp_NQ _Prem_56.1%_201902 26.pdf, PA_LTC3+_Comp_NQ _Prem_Current_20190 226.pdf,

**STANDARD BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	372.14	354.13	336.13	18-44	27.01	25.51	22.51
45-49	444.17	420.16	396.15	45-49	31.51	30.01	27.01
50-54	525.20	495.19	462.17	50-54	36.01	34.51	31.51
55	696.26	651.25	603.23	55	46.52	45.02	42.02
56	741.28	696.26	645.24	56	51.02	48.02	45.02
57	789.30	741.28	687.26	57	54.02	51.02	48.02
58	840.32	786.30	732.28	58	57.02	54.02	51.02
59	894.34	837.32	780.29	59	61.52	57.02	52.52
60	948.36	891.34	831.31	60	64.52	60.02	55.52
61	1,014.38	954.36	888.33	61	69.03	64.52	60.02
62	1,083.41	1,017.38	948.36	62	73.53	69.03	64.52
63	1,155.43	1,086.41	1,014.38	63	78.03	73.53	69.03
64	1,233.46	1,158.44	1,083.41	64	84.03	79.53	73.53
65	1,314.49	1,236.47	1,155.43	65	88.53	84.03	78.03
66	1,443.54	1,359.51	1,269.48	66	97.54	93.04	85.53
67	1,584.60	1,491.56	1,395.53	67	106.54	102.04	94.54
68	1,737.65	1,635.62	1,530.58	68	117.04	111.04	103.54
69	1,908.72	1,794.68	1,680.63	69	127.55	121.55	112.54
70	2,091.79	1,968.74	1,842.69	70	139.55	132.05	123.05
71	2,328.88	2,190.82	2,049.77	71	156.06	147.06	138.05
72	2,586.97	2,436.92	2,280.86	72	174.07	163.56	153.06
73	2,878.08	2,707.02	2,535.95	73	193.57	183.07	171.06
74	3,199.20	3,010.13	2,818.06	74	214.58	202.58	189.07

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period			
Issue	00.0	00.5	400 B	Issue	00 <b>D</b>	00.0	400 B	
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days	
75	3,556.34	3,346.26	3,133.18	75	238.59	225.08	210.08	
76	4,003.51	3,766.42	3,526.33	76	268.60	253.60	237.09	
77	4,504.70	4,237.59	3,967.49	77	303.11	285.11	267.10	
78	5,068.91	4,768.79	4,465.68	78	340.63	319.62	300.11	
79	5,702.15	5,366.02	5,023.89	79	382.64	360.14	337.63	
80		6,035.27	5,651.13	80	429.16	403.65	378.14	
81		6,791.56	6,359.39	81	483.18	454.67	426.16	
82		7,640.88	7,154.69	82	543.20	511.69	478.68	
83		8,595.23	8,049.03	83	612.23	576.22	538.70	
84		9,672.64	9,054.41	84	687.26	648.24	606.23	
				85	772.79	727.77	681.26	
				86	870.33	819.31	766.79	
				87	978.37	921.35	862.82	
				88	1,101.41	1,036.89	970.87	
				89	1,237.97	1,165.94	1,092.41	
				90	1,394.02	1,311.49	1,228.96	
				91	1,568.09	1,476.56	1,382.02	
				92	1,763.16	1,661.13	1,554.59	
				93	1,983.75	1,868.20	1,748.16	
				94	2,231.34	2,100.79	1,967.24	
				95	2,510.44	2,363.39	2,213.33	
				96	2,824.06	2,659.00	2,489.44	
				97	3,176.70	2,992.13	2,800.05	
				98	3,574.35	3,365.77	3,151.19	
				99	4,020.01	3,785.92	3,544.33	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	444.17	423.16	399.15	18-44	31.51	30.01	27.01
45-49	528.20	504.19	474.18	45-49	37.51	36.01	33.01
50-54	627.24	594.22	561.21	50-54	43.52	40.52	37.51
55	831.31	780.29	726.27	55	55.52	52.52	49.52
56	888.33	834.31	777.29	56	60.02	57.02	54.02
57	945.36	888.33	828.31	57	64.52	60.02	57.02
58	1,005.38	948.36	885.33	58	67.53	64.52	60.02
59	1,071.40	1,008.38	942.35	59	72.03	69.03	64.52
60	1,140.43	1,074.40	1,005.38	60	76.53	72.03	67.53
61	1,218.46	1,146.43	1,074.40	61	82.53	78.03	72.03
62	1,299.49	1,224.46	1,143.43	62	87.03	82.53	78.03
63	1,386.52	1,305.49	1,221.46	63	93.04	88.53	82.53
64	1,479.56	1,392.52	1,302.49	64	99.04	93.04	88.53
65	1,575.59	1,482.56	1,386.52	65	105.04	99.04	93.04
66	1,734.65	1,629.61	1,524.57	66	117.04	109.54	103.54
67	1,905.72	1,791.67	1,677.63	67	127.55	121.55	114.04
68	2,094.79	1,968.74	1,842.69	68	141.05	133.55	124.55
69	2,301.87	2,163.81	2,025.76	69	154.56	147.06	136.55
70	2,526.95	2,376.89	2,223.84	70	169.56	160.56	150.06
71	2,824.06	2,659.00	2,487.94	71	190.57	180.07	168.06
72	3,157.19	2,971.12	2,782.05	72	211.58	201.08	187.57
73	3,526.33	3,319.25	3,109.17	73	237.09	223.58	208.58
74	3,940.48	3,709.40	3,478.31	74	264.10	249.09	234.09

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	4,402.66	4,144.56	3,886.46	75	294.11	277.60	259.60
76	4,954.86	4,663.76	4,372.65	76	331.62	313.62	292.61
77	5,576.10	5,245.97	4,918.85	77	373.64	352.63	330.12
78	6,272.36	5,903.22	5,534.08	78	418.66	396.15	370.64
79	7,055.66	6,641.50	6,224.34	79	471.18	445.67	417.16
				80	529.70	499.69	468.18
				81	597.22	562.71	526.70
				82	670.75	633.24	592.72
				83	754.78	711.27	667.75
				84	849.32	799.80	750.28
				85	954.36	898.84	843.32
				86	1,074.40	1,011.38	949.86
				87	1,207.95	1,138.93	1,068.40
				88	1,359.51	1,279.98	1,201.95
				89	1,529.08	1,440.54	1,352.01
				90	1,721.15	1,620.61	1,520.07
				91	1,935.73	1,823.19	1,710.64
				92	2,177.32	2,051.27	1,923.72
				93	2,448.92	2,306.37	2,163.81
				94	2,755.04	2,595.98	2,435.42
				95	3,100.17	2,920.10	2,738.53
				96	3,487.31	3,284.74	3,082.16
				97	3,922.48	3,694.39	3,466.30
				97 98	3,922.46 4,413.16	3,094.39 4,156.56	3,899.97
				99	4,413.16	4,136.36	4,387.65
				99	4,900.37	4,013.10	4,307.00

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	570.21	537.20	504.19	18-44	39.01	37.51	34.51	
45-49	681.26	639.24	600.23	45-49	48.02	45.02	42.02	
50-54	807.30	759.29	711.27	50-54	55.52	52.52	49.52	
55	1,056.40	993.37	927.35	55	70.53	67.53	63.02	
56	1,128.42	1,059.40	990.37	56	76.53	72.03	67.53	
57	1,200.45	1,128.42	1,053.40	57	81.03	78.03	72.03	
58	1,281.48	1,203.45	1,122.42	58	87.03	82.53	76.53	
59	1,365.51	1,281.48	1,197.45	59	91.53	88.53	82.53	
60	1,452.55	1,362.51	1,272.48	60	97.54	93.04	87.03	
61	1,548.58	1,455.55	1,362.51	61	105.04	100.54	93.04	
62	1,650.62	1,551.58	1,455.55	62	112.54	106.54	99.04	
63	1,758.66	1,656.62	1,554.59	63	120.05	112.54	105.04	
64	1,875.71	1,767.67	1,662.63	64	127.55	120.05	112.54	
65	1,995.75	1,884.71	1,773.67	65	135.05	127.55	118.54	
66	2,205.83	2,082.78	1,956.74	66	150.06	141.05	132.05	
67	2,436.92	2,298.87	2,157.81	67	165.06	156.06	145.55	
68	2,692.01	2,535.95	2,379.90	68	181.57	171.06	160.56	
69	2,977.12	2,800.05	2,622.99	69	199.58	189.07	177.07	
70	3,286.24	3,088.16	2,890.09	70	219.08	207.08	195.07	
71	3,688.39	3,469.31	3,247.22	71	246.09	232.59	219.08	
72	4,141.56	3,895.47	3,649.37	72	277.60	261.10	246.09	
73	4,645.75	4,372.65	4,096.54	73	310.62	294.11	276.10	
74	5,212.96	4,909.85	4,603.73	74	349.63	330.12	309.12	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
75	5,849.20	5,510.07	5,167.94	75	391.65	369.14	346.63	
76	6,581.48	6,200.33	5,819.19	76	441.17	415.66	390.15	
77	7,403.79	6,977.63	6,548.46	77	496.69	468.18	439.67	
78	8,331.14	7,850.95	7,370.77	78	558.21	526.70	493.69	
79	9,372.53	8,835.33	8,295.12	79	627.24	591.22	555.21	
				80	705.27	664.75	622.73	
				81	793.80	748.78	700.76	
				82	892.84	841.82	789.30	
				83	1,003.88	946.86	886.83	
				84	1,129.93	1,063.90	997.88	
				85	1,269.48	1,195.95	1,122.42	
				86	1,428.54	1,346.01	1,263.48	
				87	1,607.10	1,514.07	1,421.03	
				88	1,808.18	1,703.14	1,599.60	
				89	2,034.77	1,916.22	1,799.18	
				90	2,288.36	2,156.31	2,022.76	
				91	2,574.97	2,424.91	2,276.36	
				92	2,896.09	2,728.03	2,559.96	
				93	3,257.73	3,068.65	2,881.08	
				94	3,664.38	3,452.80	3,241.22	
				95	4,123.55	3,884.96	3,644.87	
				96	4,638.25	4,369.64	4,101.04	
				97	5,217.46	4,915.85	4,614.24	
				98	5,870.21	5,531.08	5,190.45	
				99	6,603.99	6,221.34	5,838.70	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit					Additional \$5 Increments		
	Elimination Period				Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	738.28	702.26	666.25	18-44	49.52	48.02	45.02
45-49	876.33	834.31	789.30	45-49	60.02	57.02	54.02
50-54	1,035.39	984.37	933.35	50-54	70.53	67.53	64.52
55	1,359.51	1,296.49	1,233.46	55	93.04	88.53	84.03
56	1,452.55	1,386.52	1,317.50	56	99.04	94.54	90.03
57	1,551.58	1,479.56	1,404.53	57	106.54	100.54	96.04
58	1,659.62	1,578.59	1,494.56	58	112.54	108.04	102.04
59	1,770.67	1,683.63	1,593.60	59	120.05	115.54	109.54
60	1,890.71	1,794.68	1,698.64	60	126.05	121.55	115.54
61	2,016.76	1,914.72	1,815.68	61	135.05	130.55	123.05
62	2,148.81	2,043.77	1,938.73	62	144.05	138.05	132.05
63	2,286.86	2,178.82	2,067.78	63	153.06	147.06	139.55
64	2,436.92	2,322.87	2,208.83	64	163.56	157.56	148.56
65	2,595.98	2,475.93	2,355.89	65	174.07	166.56	157.56
66	2,863.08	2,731.03	2,595.98	66	192.07	184.57	174.07
67	3,157.19	3,010.13	2,860.08	67	211.58	202.58	192.07
68	3,481.31	3,316.25	3,151.19	68	232.59	223.58	211.58
69	3,838.44	3,655.38	3,472.31	69	256.60	246.09	234.09
70	4,228.59	4,027.52	3,823.44	70	282.11	270.10	256.60
70 71	,	,	,	70 71	_		
71 72	4,729.78	4,507.70	4,279.61	7 1 72	316.62	303.11	288.11
	5,290.99	5,041.90	4,789.80		354.13	339.13	321.12
73	5,918.23	5,639.12	5,360.02	73 74	396.15	378.14	360.14
74	6,617.49	6,308.37	5,999.26	74	442.67	423.16	402.15

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit				Additional \$5 Increments			
	Elimination Period				Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	7,400.79	7,055.66	6,710.53	75	495.19	472.68	448.67
76	8,328.13	7,940.99	7,553.84	76	558.21	532.70	505.69
77	9,369.53	8,934.36	8,499.20	77	627.24	598.73	568.71
78	10,542.97	10,053.78	9,561.60	78	705.27	672.25	639.24
79	11,863.46	11,311.26	10,759.05	79	793.80	756.28	718.77
				80	891.34	849.32	807.30
				81	1,003.88	955.86	909.34
				82	1,128.42	1,075.90	1,023.39
				83	1,269.48	1,209.46	1,150.93
				84	1,428.54	1,361.01	1,294.99
				85	1,605.60	1,530.58	1,455.55
				86	1,806.68	1,722.65	1,638.62
				87	2,033.27	1,937.23	1,842.69
				88	2,286.86	2,180.32	2,073.78
				89	2,571.97	2,451.92	2,331.88
				90	2,894.59	2,759.54	2,622.99
				91	3,256.23	3,103.17	2,951.61
				92	3,662.88	3,491.81	3,320.75
				93	4,120.55	3,928.48	3,734.91
				94	4,635.24	4,419.16	4,201.58
				95	5,214.46	4,971.37	4,726.78
				96	5,865.71	5,592.60	5,318.00
				97	6,599.48	6,291.87	5,982.75
				98	7,424.79	7,078.16	6,730.03
				99	8,352.14	7,962.00	7,571.85

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period						al \$5 Incremination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	735.28	690.26	645.24	18-44	49.52	46.52	43.52
45-49	870.33	816.31	762.29	45-49	58.52	55.52	52.52
50-54	1,026.39	963.36	897.34	50-54	69.03	66.02	61.52
55	1,296.49	1,221.46	1,143.43	55	87.03	82.53	76.53
56	1,368.52	1,290.49	1,209.46	56	93.04	88.53	82.53
57	1,446.54	1,362.51	1,275.48	57	97.54	93.04	87.03
58	1,527.57	1,437.54	1,344.51	58	103.54	99.04	91.53
59	1,611.61	1,518.57	1,419.53	59	109.54	103.54	97.54
60	1,698.64	1,599.60	1,497.56	60	115.54	109.54	102.04
61	1,797.68	1,692.64	1,587.60	61	123.05	115.54	108.04
62	1,902.72	1,791.67	1,677.63	62	129.05	123.05	114.04
63	2,013.76	1,896.71	1,776.67	63	136.55	129.05	120.05
64	2,130.80	2,007.76	1,878.71	64	144.05	136.55	127.55
65	2,253.85	2,121.80	1,986.75	65	151.56	142.55	133.55
66	2,442.92	2,298.87	2,154.81	66	165.06	154.56	145.55
67	2,647.00	2,490.94	2,331.88	67	178.57	168.06	157.56
68	2,866.08	2,698.02	2,526.95	68	193.57	181.57	169.56
69	3,103.17	2,923.10	2,737.03	69	208.58	196.57	183.07
70	3,361.26	3,163.19	2,965.12	70	225.08	211.58	198.07
71	3,688.39	3,472.31	3,253.22	71	247.59	232.59	217.58
72	4,045.52	3,805.43	3,565.34	72	271.60	255.10	238.59
73	4,438.67	4,174.57	3,910.47	73	297.11	280.61	262.60
74	4,867.83	4,579.72	4,288.61	74	327.12	307.62	288.11

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period						nal \$5 Increm ination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	5,339.01	5,020.89	4,699.77	75	357.13	336.13	315.12
76	6,008.26	5,651.13	5,290.99	76	402.15	378.14	355.63
77	6,761.54	6,359.39	5,951.24	77	451.67	426.16	399.15
78	7,607.86	7,154.69	6,698.52	78	508.69	478.68	448.67
79	8,559.22	8,049.03	7,535.84	79	571.72	538.70	505.69
80		9,054.41	8,478.19	80		604.73	567.21
81		10,188.83	9,540.59	81		681.26	639.24
82		11,461.31	10,735.04	82		765.29	718.77
83		12,892.85	12,079.55	83		861.32	807.30
84		14,504.46	13,592.12	84		969.36	907.84

Fractional Premiums (expressed as a percent of annual premium)	_
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period			Janua	Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	888.33	837.32	786.30	18-44	61.52	58.52	54.02
45-49	1,056.40	993.37	930.35	45-49	72.03	69.03	64.52
50-54	1,254.47	1,176.44	1,098.41	50-54	84.03	79.53	75.03
55	1,596.60	1,506.57	1,416.53	55	108.04	102.04	94.54
56	1,689.64	1,593.60	1,497.56	56	114.04	108.04	100.54
57	1,785.67	1,683.63	1,581.60	57	121.55	114.04	106.54
58	1,887.71	1,779.67	1,668.63	58	127.55	120.05	112.54
59	1,995.75	1,878.71	1,761.66	59	135.05	127.55	118.54
60	2,106.79	1,983.75	1,857.70	60	141.05	133.55	124.55
61	2,226.84	2,097.79	1,965.74	61	150.06	142.55	132.05
62	2,352.89	2,214.83	2,076.78	62	159.06	150.06	139.55
63	2,484.94	2,340.88	2,193.83	63	166.56	157.56	147.06
64	2,622.99	2,472.93	2,319.87	64	177.07	166.56	156.06
65	2,770.04	2,610.98	2,448.92	65	186.07	175.57	163.56
66	3,007.13	2,836.07	2,659.00	66	202.58	190.57	178.57
67	3,265.23	3,076.16	2,884.09	67	220.58	207.08	193.57
68	3,544.33	3,337.26	3,130.18	68	238.59	225.08	210.08
69	3,847.45	3,622.36	3,394.28	69	259.60	244.59	228.09
70	4,174.57	3,928.48	3,682.39	70	280.61	264.10	247.59
71	4,588.73	4,318.63	4,048.52	71	309.12	291.11	273.10
72	5,044.90	4,747.79	4,450.67	72	339.13	319.62	300.11
73	5,546.09	5,218.96	4,891.84	73	372.14	351.13	328.62
74	6,095.29	5,735.16	5,375.02	74	409.65	385.65	361.64
75	6,698.52	6,302.37	5,906.22	75	448.67	423.16	396.15
76	7,538.84	7,091.67	6,647.50	76	505.69	477.18	445.67
77	8,481.19	7,980.00	7,481.82	77	568.71	535.70	501.19
78	9,543.59	8,979.38	8,418.17	78	639.24	601.73	564.21
79	10,738.04	10,104.80	9,471.56	79	718.77	676.75	634.74

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## **5-YEAR BENEFIT PERIOD**

Issue	\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	1,185.45	1,116.42	1,047.39	18-44	79.53	75.03	70.53	
45-49	1,395.53	1,317.50	1,236.47	45-49	94.54	90.03	84.03	
50-54	1,638.62	1,548.58	1,455.55	50-54	111.04	105.04	97.54	
55	2,133.80	2,010.76	1,884.71	55	142.55	135.05	126.05	
56	2,250.85	2,121.80	1,992.75	56	151.56	144.05	133.55	
57	2,373.89	2,238.84	2,103.79	57	160.56	151.56	141.05	
58	2,505.94	2,361.89	2,220.84	58	169.56	159.06	148.56	
59	2,640.99	2,493.94	2,343.88	59	178.57	168.06	157.56	
60	2,785.05	2,628.99	2,472.93	60	187.57	177.07	165.06	
61	2,944.11	2,779.05	2,610.98	61	198.07	187.57	175.57	
62	3,109.17	2,935.10	2,758.04	62	210.08	198.07	184.57	
63	3,286.24	3,097.17	2,911.10	63	220.58	208.58	195.07	
64	3,469.31	3,271.23	3,073.16	64	232.59	220.58	205.58	
65	3,664.38	3,454.30	3,241.22	65	244.59	231.09	216.08	
66	3,988.50	3,760.42	3,529.33	66	267.10	252.09	235.59	
67	4,342.63	4,090.54	3,838.44	67	291.11	274.60	256.60	
68	4,723.78	4,453.68	4,177.57	68	316.62	298.61	280.61	
69	5,140.93	4,843.82	4,546.71	69	345.13	325.62	304.61	
70	5,594.11	5,269.98	4,945.86	70	375.14	354.13	331.62	
71	6,164.32	5,807.19	5,450.05	71	414.16	390.15	366.14	
72	6,788.55	6,395.41	6,002.26	72	454.67	429.16	402.15	
73	7,475.81	7,043.65	6,611.49	73	501.19	472.68	442.67	
74	8,235.10	7,757.92	7,280.74	74	552.21	520.70	487.68	
75	9,069.41	8,544.22	8,019.02	75	606.23	571.72	535.70	
76	10,206.84	9,615.62	9,024.40	76	682.76	643.74	603.23	
77	11,482.32	10,819.07	10,152.82	77	768.29	723.27	678.26	
78	12,919.86	12,172.58	11,422.30	78	862.82	813.31	763.79	
79	14,537.47	13,694.15	12,850.84	79	970.87	915.34	858.32	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD INFLATION BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit					Additional \$5 Increments		
	Elimination Period				Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	1,527.57	1,461.55	1,392.52	18-44	103.54	99.04	93.04
45-49	1,827.69	1,743.66	1,659.62	45-49	123.05	118.54	111.04
50-54	2,181.82	2,079.78	1,974.74	50-54	145.55	139.55	132.05
55	2,809.06	2,674.01	2,535.95	55	187.57	180.07	171.06
56	2,965.12	2,824.06	2,680.01	56	198.07	190.57	181.57
57	3,130.18	2,980.12	2,830.07	57	210.08	201.08	190.57
58	3,304.24	3,148.18	2,986.12	58	222.08	211.58	201.08
59	3,487.31	3,322.25	3,154.19	59	234.09	223.58	213.08
60	3,679.38	3,505.32	3,328.25	60	246.09	235.59	223.58
61	3,886.46	3,700.39	3,517.32	61	261.10	249.09	237.09
62	4,099.54	3,907.47	3,712.40	62	274.60	262.60	249.09
63	4,327.63	4,123.55	3,919.48	63	289.61	277.60	264.10
64	4,567.72	4,354.64	4,138.56	64	306.12	292.61	277.60
65	4,819.81	4,594.73	4,369.64	65	322.62	307.62	292.61
66	5,236.97	4,990.88	4,747.79	66	351.13	334.63	318.12
67	5,687.14	5,420.04	5,152.94	67	381.14	363.14	345.13
68	6,173.32	5,885.21	5,597.11	68	412.66	394.65	375.14
69	6,704.52	6,392.41	6,077.29	69	448.67	427.66	406.65
70	7,280.74	6,938.61	6,596.48	70	486.18	463.67	441.17
71	7,995.01	7,619.87	7,244.73	71	534.20	510.19	484.68
72	8,775.30	8,367.15	7,955.99	72	586.72	559.71	532.70
73	9,633.63	9,186.46	8,736.29	73	643.74	613.73	583.72
74	10,575.98	10,083.79	9,594.61	74	706.77	675.25	640.74
	10,010.00						
75	11,608.37	11,071.17	10,533.96	75	775.79	739.78	702.26
76	13,060.92	12,457.69	11,851.46	76	873.33	832.81	790.80
77	14,696.53	14,012.27	13,331.02	77	982.87	936.35	889.83
78	16,533.22	15,764.93	14,996.64	78	1,104.42	1,053.40	1,000.88
79	18,601.00	17,736.67	16,869.35	79	1,242.47	1,185.45	1,126.92

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					al \$5 Incremination Perio		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	327.12	309.12	288.11	18-44	24.01	22.51	21.01
45-49	381.14	363.14	339.13	45-49	28.51	27.01	24.01
50-54	441.17	420.16	396.15	50-54	31.51	30.01	27.01
55	603.23	564.21	525.20	55	40.52	39.01	36.01
56	645.24	606.23	564.21	56	43.52	42.02	39.01
57	690.26	648.24	600.23	57	46.52	45.02	42.02
58	738.28	690.26	642.24	58	51.02	48.02	45.02
59	789.30	738.28	687.26	59	54.02	51.02	48.02
60	843.32	789.30	732.28	60	57.02	54.02	51.02
61	903.34	846.32	786.30	61	61.52	58.52	55.52
62	969.36	906.34	843.32	62	66.02	63.02	58.52
63	1,035.39	972.37	906.34	63	70.53	66.02	63.02
64	1,107.42	1,041.39	972.37	64	75.03	70.53	67.53
65	1,185.45	1,113.42	1,041.39	65	79.53	75.03	70.53
66	1,299.49	1,221.46	1,140.43	66	88.53	82.53	78.03
67	1,422.54	1,335.50	1,248.47	67	96.04	91.53	85.53
68	1,554.59	1,461.55	1,368.52	68	105.04	99.04	93.04
69	1,701.64	1,599.60	1,497.56	69	115.54	109.54	102.04
70	1,860.70	1,749.66	1,638.62	70	126.05	118.54	111.04
71	2,076.78	1,953.74	1,830.69	71	141.05	133.55	124.55
72	2,316.87	2,178.82	2,040.77	72	157.56	148.56	138.05
73	2,586.97	2,430.91	2,277.86	73	175.57	165.06	154.56
74	2,884.09	2,713.02	2,541.96	74	195.07	183.07	171.06

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	3,217.21	3,025.14	2,833.07	75	216.08	204.08	190.57
76	3,622.36	3,406.28	3,190.20	76	243.09	229.59	214.58
77	4,075.53	3,832.44	3,592.35	77	274.60	258.10	241.59
78	4,582.72	4,312.62	4,042.52	78	307.62	291.11	271.60
79	5,158.94	4,855.83	4,549.71	79	346.63	327.12	304.61
80		5,462.06	5,119.93	80	388.65	366.14	342.13
81		6,146.31	5,762.17	81	438.16	412.66	385.65
82		6,914.60	6,479.44	82	492.19	463.67	433.66
83		7,778.93	7,289.74	83	553.71	522.20	487.68
84		8,751.29	8,199.09	84	622.73	586.72	549.21
				85	699.26	658.75	616.73
				86	787.80	741.28	694.76
				87	885.33	834.31	781.79
				88	996.37	939.35	879.33
				89	1,120.92	1,056.40	988.87
				90	1,260.47	1,188.45	1,111.92
				91	1,418.03	1,335.50	1,251.47
				92	1,595.10	1,503.57	1,407.53
				93	1,794.68	1,691.14	1,583.10
				94	2,019.76	1,902.72	1,781.17
				95	2,271.85	2,139.81	2,003.25
				96	2,555.46	2,406.91	2,253.85
				97	2,875.08	2,708.52	2,535.95
				98	3,233.72	3,046.15	2,852.57
				99	3,637.37	3,427.29	3,208.21

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					nal \$5 Increm ination Perio		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	378.14	354.13	330.12	18-44	27.01	25.51	24.01
45-49	447.17	420.16	393.15	45-49	31.51	30.01	28.51
50-54	522.20	492.19	462.17	50-54	36.01	34.51	31.51
55	720.27	672.25	624.23	55	48.02	46.52	43.52
56	771.29	720.27	669.25	56	52.52	51.02	46.52
57	822.31	771.29	717.27	57	55.52	54.02	49.52
58	879.33	825.31	768.29	58	60.02	57.02	54.02
59	939.35	882.33	822.31	59	64.52	61.52	57.02
60	1,002.38	942.35	879.33	60	67.53	64.52	60.02
61	1,074.40	1,008.38	942.35	61	73.53	69.03	64.52
62	1,149.43	1,080.41	1,008.38	62	78.03	75.03	69.03
63	1,227.46	1,155.43	1,077.41	63	84.03	79.53	73.53
64	1,314.49	1,236.47	1,155.43	64	88.53	85.53	79.53
65	1,404.53	1,320.50	1,233.46	65	94.54	90.03	84.03
66	1,545.58	1,455.55	1,359.51	66	105.04	99.04	93.04
67	1,701.64	1,599.60	1,497.56	67	115.54	109.54	102.04
68	1,872.70	1,761.66	1,647.62	68	126.05	120.05	111.04
69	2,058.77	1,938.73	1,812.68	69	138.05	130.55	123.05
70	2,262.85	2,130.80	1,995.75	70	151.56	142.55	133.55
71	2,529.95	2,382.90	2,232.84	71	169.56	160.56	150.06
72	2,830.07	2,665.00	2,496.94	72	190.57	180.07	168.06
73	3,163.19	2,980.12	2,791.05	73	213.08	201.08	187.57
74	3,535.33	3,331.25	3,121.17	74	238.59	225.08	210.08

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

#### **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit					Additional \$5 Increments		
Issue	Elimination Period				Elin	nination Perio	a
Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	3,952.49	3,721.40	3,490.31	75	265.60	250.59	234.09
76	4,450.67	4,189.58	3,928.48	76	300.11	282.11	264.10
77	5,005.88	4,714.77	4,420.66	77	336.13	318.12	297.11
78	5,633.12	5,303.00	4,972.87	78	378.14	357.13	334.63
79	6,341.39	5,969.25	5,594.11	79	424.66	400.65	375.14
				80	477.18	450.17	421.66
				81	537.20	507.19	474.18
				82	604.73	570.21	534.20
				83	679.76	640.74	600.23
				84	763.79	720.27	675.25
				85	858.32	808.80	757.79
				86	966.36	910.84	853.82
				87	1,086.41	1,024.89	960.36
				88	1,222.96	1,152.43	1,080.41
				89	1,376.02	1,296.49	1,213.96
				90	1,547.08	1,458.55	1,367.01
				91	1,740.66	1,640.12	1,536.58
				92	1,958.24	1,845.69	1,728.65
				93	2,202.83	2,075.28	1,944.73
				94	2,478.93	2,334.88	2,187.82
				95	2 700 05	2 627 40	2 460 02
				95 96	2,788.05	2,627.49 2,956.11	2,460.93
					3,136.18		2,768.54
				97 08	3,527.83	3,325.25	3,115.17
				98	3,968.99	3,740.91	3,503.82
				99	4,465.68	4,207.58	3,941.98

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit					Additional \$5 Increments		
	Elimination Period				Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	468.18	438.16	405.15	18-44	31.51	30.01	28.51
45-49	549.21	516.19	483.18	45-49	39.01	36.01	34.51
50-54	639.24	606.23	573.22	50-54	45.02	42.02	39.01
55	903.34	855.32	804.30	55	61.52	58.52	54.02
56	969.36	915.34	861.32	56	66.02	63.02	58.52
57	1,035.39	978.37	918.35	57	70.53	67.53	63.02
58	1,107.42	1,044.39	978.37	58	75.03	72.03	67.53
59	1,185.45	1,116.42	1,044.39	59	81.03	76.53	72.03
60	1,266.48	1,191.45	1,113.42	60	85.53	81.03	76.53
61	1,356.51	1,275.48	1,194.45	61	91.53	87.03	82.53
62	1,449.55	1,365.51	1,281.48	62	99.04	93.04	87.03
63	1,548.58	1,461.55	1,371.52	63	105.04	99.04	93.04
64	1,656.62	1,566.59	1,470.55	64	112.54	106.54	99.04
65	1,770.67	1,674.63	1,575.59	65	120.05	112.54	105.04
66	1,959.74	1,851.70	1,743.66	66	133.55	124.55	117.04
67	2,169.82	2,046.77	1,923.72	67	147.06	138.05	129.05
68	2,397.90	2,262.85	2,124.80	68	162.06	153.06	142.55
69	2,653.00	2,502.94	2,349.88	69	178.57	169.56	157.56
70	2,935.10	2,764.04	2,592.98	70	196.57	186.07	174.07
71	3,295.24	3,103.17	2,911.10	71	220.58	210.08	196.57
72	3,697.39	3,484.31	3,268.23	72	247.59	234.09	219.08
73	4,150.56	3,907.47	3,667.38	73	279.11	262.60	246.09
74	4,657.75	4,387.65	4,117.55	74	312.12	295.61	276.10

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

#### **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	5,224.97	4,921.85	4,618.74	75	349.63	330.12	309.12
76	5,882.21	5,540.08	5,197.96	76	394.65	372.14	348.13
77	6,617.49	6,233.35	5,849.20	77	442.67	418.66	391.65
78	7,448.80	7,013.64	6,581.48	78	498.19	469.68	441.17
79	8,382.15	7,892.97	7,403.79	79	559.71	528.20	495.19
				80	628.74	592.72	556.71
				81	708.27	667.75	627.24
				82	796.80	750.28	705.27
				83	895.84	844.82	792.30
				84	1,008.38	949.86	891.34
				85	1,132.93	1,068.40	1,002.38
				86	1,275.48	1,201.95	1,128.42
				87	1,434.54	1,353.51	1,269.48
				88	1,613.11	1,521.57	1,428.54
				89	1,815.68	1,712.14	1,607.10
				90	2,042.27	1,926.73	1,806.68
				91	2,297.36	2,166.82	2,033.27
				92	2,583.97	2,436.92	2,286.86
				93	2,908.09	2,741.53	2,571.97
				94	3,271.23	3,085.16	2,894.59
				95	3,679.38	3,470.81	3,256.23
				96	4,140.06	3,904.47	3,662.88
				97	4,656.25	4,392.15	4,120.55
				98	5,238.47	4,941.36	4,635.24
				99	5,894.22	5,558.09	5,214.46

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit				Additional \$5 Increments			
	Elimination Period				Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	597.22	564.21	531.20	18-44	40.52	39.01	37.51
45-49	717.27	678.26	639.24	45-49	49.52	48.02	45.02
50-54	855.32	810.30	765.29	50-54	57.02	55.52	52.52
55	1,170.44	1,116.42	1,062.40	55	79.53	76.53	72.03
56	1,251.47	1,194.45	1,137.43	56	85.53	82.53	78.03
57	1,338.50	1,275.48	1,215.46	57	91.53	88.53	82.53
58	1,428.54	1,362.51	1,296.49	58	97.54	94.54	88.53
59	1,527.57	1,455.55	1,386.52	59	105.04	100.54	94.54
60	1,629.61	1,554.59	1,479.56	60	111.04	106.54	100.54
61	1,746.66	1,665.63	1,584.60	61	118.54	114.04	108.04
62	1,869.70	1,782.67	1,695.64	62	127.55	121.55	115.54
63	2,001.75	1,908.72	1,812.68	63	135.05	130.55	123.05
64	2,145.81	2,043.77	1,938.73	64	144.05	138.05	132.05
65	2,295.86	2,184.82	2,073.78	65	153.06	147.06	139.55
66	2,529.95	2,409.91	2,286.86	66	169.56	162.06	154.56
67	2,788.05	2,656.00	2,520.95	67	186.07	178.57	169.56
68	3,073.16	2,926.10	2,779.05	68	205.58	198.07	187.57
69	3,388.28	3,226.21	3,061.15	69	226.59	217.58	207.08
70	3,730.40	3,553.34	3,373.27	70	249.09	238.59	226.59
71	4,177.57	3,982.50	3,781.42	71	279.11	267.10	253.60
72	4,675.76	4,459.68	4,237.59	72	313.62	300.11	285.11
73	5,236.97	4,993.88	4,747.79	73	351.13	334.63	318.12
74	5,861.21	5,591.10	5,318.00	74	393.15	375.14	355.63

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

## **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	6,560.47	6,260.36	5,957.24	75	439.67	418.66	397.65
76	7,382.78	7,043.65	6,701.52	76	495.19	471.18	448.67
77	8,307.13	7,925.98	7,538.84	77	556.71	531.20	504.19
78	9,348.52	8,916.36	8,481.19	78	625.74	597.22	567.21
79	10,518.96	10,032.78	9,540.59	79	703.76	672.25	637.74
				80	790.80	754.78	717.27
				81	889.83	849.32	807.30
				82	1,000.88	955.86	907.84
				83	1,126.92	1,074.40	1,020.38
				84	1,266.48	1,207.95	1,147.93
				85	1,424.04	1,358.01	1,290.49
				86	1,602.60	1,529.08	1,452.55
				87	1,803.68	1,719.65	1,634.11
				88	2,028.76	1,934.23	1,838.19
				89	2,282.36	2,175.82	2,067.78
				90	2,567.47	2,447.42	2,325.88
				91	2,887.09	2,753.54	2,616.98
				92	3,248.72	3,098.67	2,944.11
				93	3,653.88	3,485.81	3,311.75
				94	4,111.55	3,920.98	3,725.90
				95	4,624.74	4,410.16	4,191.08
				96	5,202.46	4,962.37	4,714.77
				97	5,853.70	5,582.10	5,304.50
				98	6,584.48	6,279.86	5,967.75
				99	7,408.29	7,064.66	6,713.53
				99	7,700.23	,00 <del>-</del> .00	0,7 10.00

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## 2-YEAR BENEFIT PERIOD

<u>\$50 Base Benefit</u> Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	621.23	588.22	555.21	18-44	43.52	40.52	37.51
45-49	735.28	693.26	654.25	45-49	52.52	49.52	45.02
50-54	864.33	816.31	765.29	50-54	60.02	57.02	52.52
55	1,143.43	1,074.40	1,005.38	55	76.53	72.03	67.53
56	1,209.46	1,137.43	1,065.40	56	82.53	76.53	72.03
57	1,281.48	1,203.45	1,125.42	57	87.03	81.03	76.53
58	1,353.51	1,272.48	1,191.45	58	91.53	87.03	81.03
59	1,431.54	1,347.51	1,257.47	59	97.54	91.53	85.53
60	1,512.57	1,422.54	1,329.50	60	102.04	96.04	90.03
61	1,602.60	1,506.57	1,407.53	61	108.04	102.04	96.04
62	1,698.64	1,596.60	1,491.56	62	115.54	108.04	102.04
63	1,797.68	1,689.64	1,578.59	63	121.55	114.04	108.04
64	1,902.72	1,788.67	1,668.63	64	129.05	121.55	114.04
65	2,013.76	1,890.71	1,764.66	65	135.05	127.55	120.05
66	2,184.82	2,052.77	1,917.72	66	147.06	139.55	130.55
67	2,367.89	2,226.84	2,079.78	67	159.06	150.06	141.05
68	2,568.97	2,415.91	2,256.85	68	172.56	163.56	153.06
69	2,785.05	2,619.99	2,448.92	69	187.57	177.07	165.06
70	3,019.14	2,839.07	2,656.00	70	202.58	190.57	178.57
71	3,316.25	3,118.17	2,917.10	71	223.58	210.08	196.57
72	3,640.37	3,421.29	3,202.21	72	244.59	229.59	216.08
73	3,994.50	3,754.41	3,514.32	73	267.10	252.09	237.09
74	4,384.65	4,120.55	3,856.45	74	294.11	277.60	259.60

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	4,810.81	4,522.70	4,231.59	75	321.12	303.11	283.61
76	5,414.04	5,089.92	4,762.79	76	361.64	342.13	319.62
77	6,089.29	5,726.15	5,360.02	77	406.65	384.14	360.14
78	6,848.58	6,440.42	6,032.27	78	457.67	432.16	403.65
79	7,700.90	7,244.73	6,785.55	79	516.19	484.68	454.67
80		8,148.07	7,634.87	80		544.70	510.19
81		9,168.45	8,592.23	81		613.73	574.72
82		10,317.88	9,666.64	82		690.26	646.74
83		11,608.37	10,876.09	83		775.79	726.27
84		13,060.92	12,238.61	84		873.33	817.81

Fractional Premiums (expressed as a percent of annual premium)	_
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	759.29	714.27	669.25	18-44	51.02	48.02	45.02	
45-49	897.34	846.32	792.30	45-49	61.52	57.02	54.02	
50-54	1,056.40	996.37	936.35	50-54	72.03	67.53	63.02	
55	1,392.52	1,314.49	1,236.47	55	94.54	88.53	82.53	
56	1,476.56	1,392.52	1,311.49	56	100.54	94.54	88.53	
57	1,563.59	1,476.56	1,386.52	57	106.54	99.04	93.04	
58	1,656.62	1,560.59	1,467.55	58	112.54	105.04	99.04	
59	1,755.66	1,653.62	1,551.58	59	118.54	111.04	103.54	
60	1,857.70	1,749.66	1,641.62	60	124.55	117.04	109.54	
61	1,968.74	1,854.70	1,740.66	61	132.05	124.55	117.04	
62	2,082.78	1,962.74	1,839.69	62	139.55	132.05	123.05	
63	2,205.83	2,076.78	1,947.73	63	148.56	139.55	130.55	
64	2,334.88	2,199.83	2,061.78	64	156.06	148.56	138.05	
65	2,469.93	2,325.88	2,181.82	65	165.06	156.06	145.55	
66	2,683.01	2,526.95	2,370.89	66	180.07	169.56	159.06	
67	2,914.10	2,743.03	2,574.97	67	195.07	184.57	172.56	
68	3,163.19	2,980.12	2,797.05	68	213.08	201.08	187.57	
69	3,433.29	3,235.22	3,037.14	69	231.09	217.58	204.08	
70	3,727.40	3,511.32	3,295.24	70	250.59	235.59	220.58	
71	4,102.54	3,862.45	3,625.36	71	276.10	259.60	243.09	
72	4,510.70	4,249.60	3,982.50	72	303.11	285.11	267.10	
73	4,960.87	4,672.76	4,378.65	73	333.13	313.62	294.11	
74	5,459.05	5,137.93	4,813.81	74	366.14	345.13	322.62	
75	6,002.26	5,648.13	5,290.99	75	400.65	378.14	354.13	
76	6,752.54	6,356.39	5,954.24	76	451.67	426.16	399.15	
77	7,598.86	7,151.69	6,698.52	77	507.19	478.68	448.67	
78	8,547.22	8,043.03	7,538.84	78	571.72	538.70	504.19	
79	9,615.62	9,051.41	8,481.19	79	642.24	604.73	567.21	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	969.36	915.34	858.32	18-44	66.02	63.02	58.52	
45-49	1,158.44	1,092.41	1,023.39	45-49	79.53	75.03	70.53	
50-54	1,380.52	1,299.49	1,218.46	50-54	93.04	88.53	82.53	
55	1,845.69	1,731.65	1,617.61	55	123.05	117.04	109.54	
56	1,953.74	1,833.69	1,713.64	56	130.55	124.55	117.04	
57	2,064.78	1,938.73	1,812.68	57	138.05	132.05	123.05	
58	2,184.82	2,052.77	1,920.72	58	147.06	139.55	130.55	
59	2,310.87	2,172.82	2,031.76	59	154.56	147.06	138.05	
60	2,442.92	2,295.86	2,148.81	60	163.56	154.56	145.55	
61	2,586.97	2,433.92	2,280.86	61	174.07	165.06	154.56	
62	2,740.03	2,577.97	2,415.91	62	184.57	174.07	163.56	
63	2,902.09	2,731.03	2,562.96	63	195.07	184.57	172.56	
64	3,070.16	2,893.09	2,716.02	64	205.58	195.07	183.07	
65	3,250.22	3,064.15	2,878.08	65	217.58	205.58	192.07	
66	3,538.33	3,334.25	3,133.18	66	237.09	225.08	210.08	
67	3,850.45	3,628.37	3,406.28	67	258.10	244.59	228.09	
68	4,192.58	3,949.49	3,706.39	68	280.61	265.60	249.09	
69	4,561.72	4,294.62	4,030.52	69	306.12	289.61	270.10	
70	4,963.87	4,672.76	4,381.65	70	331.62	313.62	294.11	
71	5,471.06	5,152.94	4,831.82	71	366.14	346.63	324.12	
72	6,029.27	5,678.14	5,324.00	72	403.65	381.14	357.13	
73	6,644.50	6,257.35	5,867.21	73	444.17	420.16	394.65	
74	7,322.76	6,896.60	6,467.43	74	489.18	462.17	433.66	
75	8,070.04	7,598.86	7,124.68	75	538.70	508.69	477.18	
76	9,078.42	8,550.22	8,019.02	76	606.23	573.22	537.20	
77	10,212.84	9,618.62	9,021.40	77	682.76	643.74	604.73	
78	11,488.32	10,822.07	10,152.82	78	768.29	724.77	679.76	
79	12,925.86	12,172.58	11,422.30	79	864.33	814.81	763.79	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

## **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit					Additional \$5 Increments		
	Elimination Period				Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	1,287.48	1,224.46	1,158.44	18-44	87.03	84.03	79.53
45-49	1,551.58	1,476.56	1,395.53	45-49	105.04	100.54	96.04
50-54	1,866.70	1,773.67	1,677.63	50-54	124.55	120.05	114.04
55	2,454.92	2,343.88	2,232.84	55	165.06	157.56	150.06
56	2,598.98	2,481.93	2,364.89	56	175.57	168.06	159.06
57	2,749.03	2,625.99	2,502.94	57	184.57	177.07	169.56
58	2,908.09	2,776.04	2,647.00	58	195.07	187.57	178.57
59	3,073.16	2,938.11	2,800.05	59	207.08	198.07	189.07
60	3,250.22	3,106.17	2,962.11	60	217.58	208.58	199.58
61	3,436.29	3,283.24	3,130.18	61	231.09	220.58	211.58
62	3,634.37	3,469.31	3,304.24	62	244.59	234.09	223.58
63	3,841.45	3,664.38	3,487.31	63	258.10	246.09	235.59
64	4,057.53	3,871.46	3,682.39	64	273.10	261.10	247.59
65	4,288.61	4,087.54	3,886.46	65	288.11	274.60	261.10
66	4,660.75	4,444.67	4,225.59	66	313.62	298.61	283.61
67	5,065.91	4,828.82	4,591.73	67	340.63	324.12	307.62
68	5,507.07	5,248.98	4,990.88	68	369.14	352.63	334.63
69	5,984.25	5,705.15	5,426.04	69	400.65	382.64	363.14
70	6,500.45	6,197.33	5,894.22	70	433.66	414.16	393.15
71	7,145.69	6,812.56	6,479.44	71	477.18	456.17	432.16
72	7,850.95	7,487.82	7,121.68	72	525.20	501.19	475.68
73	8,628.25	8,229.10	7,826.95	73	576.22	550.71	522.20
74	9,480.57	9,042.40	8,604.24	74	634.74	604.73	574.72
75	10,416.92	9,936.74	9,453.56	75	696.26	663.25	630.24
76	11,722.41	11,182.21	10,636.00	76	783.29	747.28	709.77
77	13,189.96	12,577.73	11,965.50	77	880.83	840.32	798.30
78	14,840.59	14,150.33	13,460.07	78	991.87	945.36	898.84
79	16,698.28	15,920.99	15,143.70	79	1,114.92	1,062.40	1,009.88

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

#### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit					Additional \$5 Increments		
Elimination Period					Elim	ination Perio	d
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	393.15	375.14	354.13	18-44	28.51	27.01	24.01
45-49	471.18	444.17	417.16	45-49	34.51	33.01	30.01
50-54	561.21	525.20	489.18	50-54	39.01	37.51	34.51
55	729.27	687.26	642.24	55	51.02	48.02	45.02
56	780.29	732.28	684.26	56	54.02	51.02	48.02
57	831.31	780.29	726.27	57	58.52	54.02	51.02
58	888.33	831.31	774.29	58	61.52	57.02	54.02
59	945.36	885.33	822.31	59	64.52	60.02	57.02
60	1,008.38	942.35	873.33	60	67.53	63.02	58.52
61	1,074.40	1,005.38	933.35	61	72.03	67.53	63.02
62	1,143.43	1,071.40	996.37	62	78.03	73.53	67.53
63	1,218.46	1,140.43	1,062.40	63	82.53	78.03	72.03
64	1,296.49	1,215.46	1,131.43	64	88.53	84.03	78.03
65	1,377.52	1,293.49	1,206.45	65	93.04	88.53	82.53
66	1,515.57	1,422.54	1,326.50	66	102.04	97.54	91.53
67	1,662.63	1,560.59	1,458.55	67	112.54	106.54	100.54
68	1,824.69	1,713.64	1,599.60	68	123.05	117.04	109.54
69	2,004.75	1,881.71	1,758.66	69	135.05	127.55	120.05
70	2,199.83	2,064.78	1,929.73	70	147.06	139.55	130.55
71	2,445.92	2,295.86	2,145.81	71	163.56	156.06	145.55
72	2,722.02	2,553.96	2,385.90	72	181.57	172.56	162.06
73	3,025.14	2,839.07	2,653.00	73	202.58	192.07	180.07
74	3,361.26	3,157.19	2,950.11	74	225.08	213.08	199.58

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

## 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue	20 Days	60 Days	100 Days	Issue	20 Days	60 Days	100 Days
Age	20 Days	00 Days	100 Days	Age	20 Days	60 Days	100 Days
75	3,736.41	3,508.32	3,277.23	75	249.09	235.59	220.58
76	4,201.58	3,946.49	3,691.39	76	280.61	265.60	249.09
77	4,726.78	4,441.67	4,153.56	77	316.62	298.61	279.11
78	5,315.00	4,993.88	4,672.76	78	355.63	336.13	313.62
79	5,975.25	5,618.11	5,260.98	79	400.65	376.64	352.63
80		6,317.38	5,918.23	80	450.17	423.16	396.15
81		7,109.68	6,659.51	81	507.19	477.18	445.67
82		8,001.01	7,493.82	82	570.21	535.70	501.19
83		9,003.39	8,433.17	83	640.74	601.73	564.21
84		10,131.81	9,489.57	84	720.27	676.75	634.74
				85	808.80	760.79	712.77
				86	910.84	856.82	802.80
				87	1,024.89	963.36	903.34
				88	1,152.43	1,083.41	1,015.88
				89	1,296.49	1,219.96	1,141.93
				90	1,458.55	1,371.52	1,284.48
				91	1,640.12	1,542.58	1,445.04
				92	1,845.69	1,736.15	1,626.61
				93	2,075.28	1,952.23	1,829.19
				94	2,334.88	2,196.83	2,058.77
				95	2,627.49	2,471.43	2,315.37
				95 96	2,027.49	2,780.55	2,604.98
				96 97	3,325.25	3,127.18	2,930.60
				97 98	3,740.91	3,518.82	3,296.74
				99	4,207.58	3,958.49	3,707.90
				99	4,207.38	3,900.49	3,707.90

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

#### **3-YEAR BENEFIT PERIOD**

	\$50 Base Benefit Elimination Period					ial \$5 Increm ination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	486.18	453.17	420.16	18-44	33.01	31.51	30.01
45-49	582.22	543.20	501.19	45-49	40.52	39.01	36.01
50-54	690.26	645.24	597.22	50-54	46.52	45.02	42.02
55	876.33	828.31	777.29	55	60.02	57.02	52.52
56	936.35	885.33	828.31	56	64.52	61.52	57.02
57	999.38	942.35	882.33	57	69.03	64.52	60.02
58	1,065.40	1,002.38	939.35	58	72.03	69.03	64.52
59	1,134.43	1,068.40	999.38	59	76.53	73.53	69.03
60	1,209.46	1,137.43	1,062.40	60	81.03	76.53	72.03
61	1,290.49	1,212.46	1,131.43	61	87.03	82.53	78.03
62	1,371.52	1,290.49	1,203.45	62	93.04	87.03	82.53
63	1,461.55	1,371.52	1,281.48	63	99.04	93.04	88.53
64	1,554.59	1,458.55	1,362.51	64	105.04	99.04	93.04
65	1,653.62	1,551.58	1,449.55	65	111.04	105.04	99.04
66	1,818.68	1,707.64	1,596.60	66	123.05	115.54	109.54
67	2,001.75	1,878.71	1,758.66	67	135.05	127.55	120.05
68	2,199.83	2,067.78	1,935.73	68	148.56	139.55	132.05
69	2,418.91	2,274.86	2,133.80	69	163.56	153.06	144.05
70	2,659.00	2,502.94	2,346.88	70	178.57	168.06	157.56
71	2,971.12	2,797.05	2,622.99	71	199.58	189.07	177.07
72	3,319.25	3,124.18	2,929.10	72	223.58	210.08	196.57
73	3,706.39	3,490.31	3,271.23	73	249.09	234.09	220.58
74	4,138.56	3,898.47	3,652.37	74	277.60	261.10	246.09

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

#### **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	4,621.74	4,351.64	4,078.53	75	309.12	291.11	273.10
76	5,200.96	4,897.84	4,588.73	76	348.13	328.62	307.62
77	5,852.20	5,510.07	5,161.94	77	391.65	369.14	346.63
78	6,584.48	6,197.33	5,807.19	78	441.17	415.66	390.15
79	7,409.79	6,971.62	6,533.46	79	495.19	468.18	438.16
				80	556.71	525.20	492.19
				81	627.24	591.22	553.71
				82	705.27	664.75	622.73
				83	792.30	747.28	700.76
				84	891.34	840.32	787.80
				85	1,002.38	943.86	885.33
				86	1,128.42	1,062.40	996.37
				87	1,269.48	1,195.95	1,120.92
				88	1,428.54	1,344.51	1,261.97
				89	1,607.10	1,512.57	1,419.53
				90	1,806.68	1,701.64	1,596.60
				91	2,033.27	1,914.72	1,796.18
				92	2,286.86	2,153.31	2,019.76
				93	2,571.97	2,421.91	2,271.85
				94	2,894.59	2,725.03	2,556.96
				95	3,256.23	3,065.65	2,875.08
				96	3,662.88	3,448.30	3,235.22
				97	4,120.55	3,880.46	3,638.87
				98	4,635.24	4,365.14	4,093.54
				99	5,214.46	4,909.85	4,605.23
					•	•	•

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

## **5-YEAR BENEFIT PERIOD**

	\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	630.24	594.22	555.21	18-44	42.02	40.52	37.51
45-49	753.28	708.27	663.25	45-49	51.02	49.52	45.02
50-54	900.34	843.32	786.30	50-54	60.02	57.02	54.02
55	1,119.42	1,056.40	990.37	55	76.53	72.03	67.53
56	1,194.45	1,128.42	1,056.40	56	82.53	78.03	72.03
57	1,275.48	1,203.45	1,125.42	57	87.03	82.53	76.53
58	1,359.51	1,281.48	1,200.45	58	93.04	87.03	82.53
59	1,449.55	1,365.51	1,278.48	59	97.54	93.04	87.03
60	1,545.58	1,455.55	1,362.51	60	103.54	97.54	91.53
61	1,647.62	1,551.58	1,452.55	61	111.04	105.04	99.04
62	1,752.66	1,650.62	1,545.58	62	118.54	112.54	105.04
63	1,863.70	1,755.66	1,644.62	63	126.05	120.05	111.04
64	1,983.75	1,869.70	1,752.66	64	135.05	127.55	118.54
65	2,109.79	1,986.75	1,863.70	65	142.55	135.05	126.05
66	2,328.88	2,193.83	2,058.77	66	157.56	150.06	139.55
67	2,571.97	2,421.91	2,271.85	67	174.07	163.56	153.06
68	2,836.07	2,674.01	2,508.94	68	190.57	180.07	169.56
69	3,130.18	2,950.11	2,770.04	69	210.08	198.07	186.07
70	3,454.30	3,256.23	3,055.15	70	231.09	217.58	204.08
71	3,880.46	3,658.38	3,430.29	71	259.60	244.59	229.59
72	4,354.64	4,105.55	3,853.45	72	292.61	274.60	258.10
73	4,888.84	4,609.73	4,324.63	73	328.62	309.12	289.61
74	5,489.07	5,173.95	4,855.83	74	367.64	346.63	325.62

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

### **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	6,161.32	5,807.19	5,450.05	75	412.66	388.65	364.64
76	6,932.61	6,536.46	6,134.31	76	465.18	438.16	411.15
77	7,799.94	7,352.77	6,902.60	77	522.20	492.19	462.17
78	8,775.30	8,274.11	7,766.92	78	588.22	553.71	519.20
79	9,873.72	9,306.50	8,742.29	79	661.75	622.73	583.72
				80	742.78	699.26	655.75
				81	835.81	787.80	738.28
				82	940.85	885.33	831.31
				83	1,057.90	996.37	934.85
				84	1,189.95	1,120.92	1,051.90
				85	1,337.00	1,260.47	1,182.44
				86	1,505.07	1,418.03	1,331.00
				87	1,692.64	1,596.60	1,497.56
				88	1,904.22	1,796.18	1,683.63
				89	2,142.81	2,019.76	1,895.21
				90	2,409.91	2,271.85	2,132.30
				91	2,711.52	2,555.46	2,397.90
				92	3,050.65	2,875.08	2,698.02
				93	3,431.79	3,235.22	3,034.14
				94	3,859.45	3,638.87	3,413.78
				95	4,342.63	4,093.54	3,839.95
				96	4,885.84	4,605.23	4,320.13
				97	5,495.07	5,181.45	4,860.33
				98	6,182.33	5,828.19	5,468.06
				99	6,955.12	6,557.47	6,150.81

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

### **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit					Additional \$5 Increments		
	Elimination Period				Elim	ination Perio	d
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	807.30	768.29	726.27	18-44	54.02	52.52	49.52
45-49	957.36	912.34	867.33	45-49	64.52	63.02	58.52
50-54	1,131.43	1,083.41	1,032.39	50-54	76.53	73.53	69.03
55	1,464.55	1,392.52	1,320.50	55	99.04	94.54	90.03
56	1,560.59	1,485.56	1,407.53	56	106.54	102.04	96.04
57	1,662.63	1,581.60	1,500.56	57	112.54	108.04	102.04
58	1,770.67	1,683.63	1,596.60	58	120.05	114.04	109.54
59	1,884.71	1,794.68	1,701.64	59	127.55	121.55	117.04
60	2,004.75	1,908.72	1,809.68	60	135.05	129.05	123.05
61	2,136.80	2,034.77	1,932.73	61	144.05	138.05	132.05
62	2,274.86	2,166.82	2,058.77	62	153.06	147.06	139.55
63	2,421.91	2,310.87	2,196.83	63	163.56	156.06	148.56
64	2,577.97	2,460.93	2,343.88	64	174.07	166.56	157.56
01	2,017.01	2, 100.00	2,010.00	0.1	17 1.07	100.00	107.00
65	2,743.03	2,619.99	2,496.94	65	184.57	175.57	166.56
66	3,025.14	2,890.09	2,752.04	66	204.08	193.57	184.57
67	3,337.26	3,184.20	3,031.14	67	225.08	214.58	202.58
68	3,679.38	3,508.32	3,337.26	68	247.59	235.59	223.58
69	4,057.53	3,868.46	3,676.38	69	271.60	259.60	247.59
70	4 474 60	4 264 60	4.040.50	70	298.61	285.11	271.60
70 71	4,474.68	4,261.60	4,048.52	70 71			
	5,005.88 5,507.11	4,768.79 5.333.01	4,528.70 5.065.01	71 72	334.63	319.62	304.61
72 72	5,597.11	5,333.01	5,065.91		373.64	357.13	340.63
73	6,260.36	5,966.25	5,666.13	73	418.66	399.15	379.64
74	7,001.63	6,671.51	6,338.39	74	468.18	445.67	424.66

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

### **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit					Additional \$5 Increments		
Issue	Elir	mination Perio	od	Issue	Elin	nination Perio	d
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	7,829.95	7,460.81	7,088.67	75	522.20	498.19	474.18
76	8,811.32	8,394.16	7,977.00	76	588.22	561.21	534.20
77	9,909.73	9,444.55	8,973.38	77	661.75	631.74	600.23
78	11,149.20	10,624.00	10,095.80	78	744.28	709.77	675.25
79	12,541.72	11,953.50	11,359.27	79	837.32	798.30	759.29
				80	940.85	897.34	853.82
				81	1,059.40	1,009.88	960.36
				82	1,191.45	1,135.93	1,080.41
				83	1,340.00	1,278.48	1,215.46
				84	1,508.07	1,437.54	1,367.01
				85	1,695.64	1,616.11	1,536.58
				86	1,908.72	1,818.68	1,728.65
				87	2,147.31	2,046.77	1,944.73
				88	2,414.41	2,301.87	2,187.82
				89	2,717.52	2,589.97	2,462.43
				90	3,056.65	2,912.60	2,770.04
				91	3,437.79	3,277.23	3,115.17
				92	3,868.46	3,686.89	3,505.32
				93	4,351.64	4,147.56	3,943.48
				94	4,894.84	4,665.26	4,435.67
				95	5,507.07	5,248.98	4,990.88
				96	6,195.83	5,904.72	5,613.61
				97	6,970.12	6,643.00	6,315.88
				98	7,840.45	7,472.81	7,105.17
				99	8,820.32	8,407.66	7,993.51

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

### **INCREASED INFLATION BENEFITS**

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	774.29	732.28	690.26	18-44	54.02	51.02	46.52
45-49	921.35	870.33	816.31	45-49	64.52	60.02	55.52
50-54	1,092.41	1,029.39	963.36	50-54	75.03	70.53	66.02
55	1,362.51	1,287.48	1,212.46	55	93.04	87.03	81.03
56	1,443.54	1,362.51	1,281.48	56	99.04	93.04	87.03
57	1,524.57	1,440.54	1,356.51	57	103.54	97.54	91.53
58	1,611.61	1,521.57	1,431.54	58	109.54	103.54	96.04
59	1,704.64	1,608.61	1,512.57	59	115.54	109.54	102.04
60	1,800.68	1,698.64	1,596.60	60	121.55	114.04	106.54
61	1,905.72	1,794.68	1,686.63	61	129.05	121.55	114.04
62	2,013.76	1,896.71	1,779.67	62	136.55	127.55	120.05
63	2,130.80	2,004.75	1,878.71	63	144.05	135.05	127.55
64	2,250.85	2,118.80	1,983.75	64	151.56	142.55	133.55
65	2,379.90	2,235.84	2,091.79	65	159.06	150.06	141.05
66	2,574.97	2,421.91	2,265.85	66	172.56	163.56	153.06
67	2,788.05	2,619.99	2,454.92	67	187.57	177.07	165.06
68	3,013.13	2,836.07	2,656.00	68	202.58	192.07	178.57
69	3,262.23	3,067.15	2,875.08	69	219.08	207.08	193.57
70	3,526.33	3,319.25	3,112.17	70	237.09	223.58	208.58
71	3,871.46	3,643.37	3,415.29	71	261.10	246.09	229.59
72	4,246.60	3,994.50	3,745.41	72	285.11	268.60	252.09
73	4,657.75	4,384.65	4,108.55	73	313.62	294.11	276.10
74	5,107.92	4,807.81	4,507.70	74	343.63	322.62	301.61

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

### **INCREASED INFLATION BENEFITS**

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	5,603.11	5,272.98	4,942.86	75	375.14	352.63	330.12
76	6,305.37	5,933.23	5,564.09	76	423.16	397.65	372.14
77	7,094.67	6,677.51	6,260.36	77	475.68	447.17	418.66
78	7,983.00	7,511.83	7,043.65	78	534.20	502.69	471.18
79	8,979.38	8,451.18	7,922.98	79	601.73	565.71	529.70
80		9,507.58	8,913.35	80		634.74	594.22
81		10,699.03	10,026.77	81		714.27	669.25
82		12,034.53	11,281.25	82		804.30	753.28
83		13,538.09	12,688.78	83		904.84	847.82
84		15,230.73	14,273.37	84		1,017.38	952.86

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

### **3-YEAR BENEFIT PERIOD**

lague	\$50 Base Benefit Elimination Period			lague	Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	963.36	906.34	846.32	18-44	66.02	63.02	58.52
45-49	1,137.43	1,071.40	999.38	45-49	78.03	75.03	69.03
50-54	1,338.50	1,260.47	1,179.44	50-54	91.53	87.03	81.03
55	1,707.64	1,608.61	1,506.57	55	114.04	108.04	100.54
56	1,803.68	1,698.64	1,590.60	56	121.55	114.04	106.54
57	1,899.71	1,791.67	1,677.63	57	127.55	121.55	112.54
58	2,004.75	1,887.71	1,767.67	58	135.05	127.55	118.54
59	2,112.80	1,989.75	1,866.70	59	142.55	135.05	126.05
60	2,226.84	2,097.79	1,965.74	60	150.06	141.05	132.05
61	2,352.89	2,214.83	2,076.78	61	159.06	150.06	139.55
62	2,481.93	2,340.88	2,193.83	62	168.06	157.56	147.06
63	2,619.99	2,469.93	2,316.87	63	177.07	166.56	156.06
64	2,764.04	2,607.98	2,448.92	64	187.57	175.57	165.06
65	2,917.10	2,752.04	2,583.97	65	196.57	184.57	172.56
66	3,169.19	2,989.12	2,806.06	66	214.58	201.08	187.57
67	3,439.29	3,244.22	3,046.15	67	232.59	217.58	204.08
68	3,733.41	3,520.32	3,304.24	68	252.09	237.09	220.58
69	4,054.53	3,823.44	3,586.35	69	273.10	256.60	240.09
70	4,399.66	4,147.56	3,892.46	70	295.61	277.60	259.60
71	4,837.82	4,558.72	4,276.61	71	325.62	306.12	286.61
72	5,318.00	5,008.89	4,699.77	72	357.13	336.13	313.62
73	5,843.20	5,504.07	5,161.94	73	391.65	369.14	345.13
74	6,422.42	6,047.28	5,672.13	74	430.66	405.15	379.64
75	7,058.66	6,644.50	6,230.34	75	471.18	444.17	415.66
76	7,940.99	7,475.81	7,010.64	76	531.20	499.69	468.18
77	8,934.36	8,412.17	7,886.97	77	597.22	562.71	526.70
78	10,050.78	9,462.56	8,871.34	78	672.25	633.24	592.72
79	11,308.26	10,645.01	9,981.76	79	756.28	711.27	666.25

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

# **INCREASED INFLATION BENEFITS**

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

### **5-YEAR BENEFIT PERIOD**

Issue	\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period		
Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	1,284.48	1,212.46	1,140.43	18-44	87.03	82.53	76.53
45-49	1,509.57	1,425.54	1,341.50	45-49	103.54	97.54	90.03
50-54	1,767.67	1,671.63	1,572.59	50-54	120.05	112.54	105.04
55	2,271.85	2,142.81	2,010.76	55	153.06	144.05	135.05
56	2,397.90	2,262.85	2,121.80	56	162.06	153.06	142.55
57	2,529.95	2,385.90	2,238.84	57	171.06	160.56	150.06
58	2,671.01	2,517.95	2,361.89	58	180.07	169.56	159.06
59	2,818.06	2,656.00	2,490.94	59	189.07	178.57	168.06
60	2,971.12	2,800.05	2,625.99	60	198.07	187.57	175.57
61	3,133.18	2,953.11	2,770.04	61	210.08	198.07	186.07
62	3,304.24	3,112.17	2,920.10	62	220.58	208.58	195.07
63	3,484.31	3,283.24	3,079.16	63	232.59	220.58	205.58
64	3,673.38	3,460.30	3,247.22	64	246.09	231.09	217.58
65	3,871.46	3,646.37	3,421.29	65	258.10	243.09	228.09
66	4,216.59	3,970.49	3,727.40	66	282.11	265.60	249.09
67	4,588.73	4,324.63	4,057.53	67	307.62	289.61	271.60
68	4,996.88	4,708.77	4,417.66	68	334.63	315.12	295.61
69	5,438.05	5,125.93	4,810.81	69	364.64	343.63	321.12
70	5,918.23	5,579.10	5,236.97	70	396.15	373.64	349.63
71	6,518.45	6,143.31	5,765.17	71	436.66	412.66	385.65
72	7,175.70	6,761.54	6,347.39	72	480.18	453.17	424.66
73	7,901.97	7,442.80	6,983.63	73	528.20	498.19	466.68
74	8,700.27	8,193.08	7,688.89	74	582.22	549.21	514.69
75	9,576.60	9,018.39	8,460.18	75	639.24	603.23	565.71
76	10,774.05	10,146.82	9,519.58	76	720.27	679.76	637.74
77	12,121.56	11,416.30	10,711.03	77	810.30	763.79	717.27
78	13,634.13	12,841.83	12,049.53	78	910.84	859.82	805.80
79	15,338.77	14,447.44	13,556.10	79	1,024.89	966.36	906.34

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

# **INCREASED INFLATION BENEFITS**

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

### **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	1,656.62	1,581.60	1,503.57	18-44	111.04	106.54	100.54	
45-49	1,971.74	1,878.71	1,782.67	45-49	132.05	127.55	120.05	
50-54	2,340.88	2,226.84	2,109.79	50-54	156.06	150.06	142.55	
55	2,977.12	2,833.07	2,689.01	55	199.58	190.57	181.57	
56	3,142.18	2,989.12	2,839.07	56	211.58	201.08	192.07	
57	3,313.25	3,154.19	2,992.13	57	223.58	213.08	202.58	
58	3,493.31	3,325.25	3,157.19	58	235.59	225.08	213.08	
59	3,685.39	3,508.32	3,331.25	59	247.59	237.09	225.08	
60	3,883.46	3,697.39	3,511.32	60	261.10	249.09	235.59	
61	4,099.54	3,904.47	3,709.40	61	276.10	264.10	249.09	
62	4,324.63	4,120.55	3,913.47	62	291.11	277.60	264.10	
63	4,561.72	4,348.64	4,132.56	63	307.62	292.61	277.60	
64	4,813.81	4,588.73	4,363.64	64	324.12	309.12	294.11	
65	5,077.91	4,840.82	4,603.73	65	340.63	325.62	309.12	
66	5,516.08	5,257.98	4,999.88	66	370.64	354.13	336.13	
67	5,987.25	5,708.15	5,429.04	67	402.15	384.14	364.64	
68	6,500.45	6,197.33	5,894.22	68	436.66	417.16	396.15	
69	7,058.66	6,728.53	6,401.41	69	474.18	451.67	429.16	
70	7,661.88	7,304.75	6,947.61	70	513.19	489.18	465.18	
71	8,412.17	8,019.02	7,628.87	71	564.21	537.20	511.69	
72	9,234.48	8,805.31	8,373.15	72	618.23	589.72	559.71	
73	10,134.81	9,663.64	9,192.46	73	678.26	646.74	615.23	
74	11,125.19	10,608.99	10,089.80	74	744.28	709.77	673.75	
75	12,211.60	11,644.38	11,074.17	75	814.81	777.29	738.28	
76	13,739.17	13,102.93	12,460.69	76	916.85	874.83	831.31	
77	15,458.82	14,738.55	14,015.27	77	1,032.39	984.37	934.85	
78	17,391.55	16,581.24	15,767.93	78	1,159.94	1,107.42	1,051.90	
79	19,567.36	18,655.02	17,736.67	79	1,305.49	1,245.47	1,183.95	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit					Additional \$5 Increments		
Elimination Period				Elimination Period			
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	238.40	226.86	215.33	18-44	17.30	16.34	14.42
45-49	284.54	269.16	253.78	45-49	20.19	19.23	17.30
50-54	336.45	317.22	296.08	50-54	23.07	22.11	20.19
55	446.04	417.20	386.44	55	29.80	28.84	26.92
56	474.87	446.04	413.35	56	32.68	30.76	28.84
57	505.64	474.87	440.27	57	34.61	32.68	30.76
58	538.32	503.71	469.11	58	36.53	34.61	32.68
59	572.93	536.40	499.87	59	39.41	36.53	33.64
60	607.53	571.00	532.55	60	41.34	38.45	35.57
61	649.83	611.38	569.08	61	44.22	41.34	38.45
62	694.05	651.75	607.53	62	47.10	44.22	41.34
63	740.19	695.97	649.83	63	49.99	47.10	44.22
64	790.18	742.11	694.05	64	53.83	50.95	47.10
65	842.09	792.10	740.19	65	56.72	53.83	49.99
66	924.76	870.92	813.25	66	62.48	59.60	54.79
67	1,015.12	955.52	893.99	67	68.25	65.37	60.56
68	1,113.17	1,047.80	980.51	68	74.98	71.14	66.33
69	1,222.75	1,149.70	1,076.64	69	81.71	77.86	72.10
70	1,340.03	1,261.20	1,180.46	70	89.40	84.59	78.83
71	1,491.91	1,403.48	1,313.11	71	99.97	94.21	88.44
72	1,657.25	1,561.13	1,461.15	72	111.51	104.78	98.05
73	1,843.74	1,734.16	1,624.57	73	124.01	117.28	109.59
74	2,049.46	1,928.34	1,805.29	74	137.46	129.77	121.12

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	2,278.24	2,143.66	2,007.16	75	152.84	144.19	134.58
76	2,564.71	2,412.82	2,259.02	76	172.07	162.46	151.88
77	2,885.78	2,714.67	2,541.64	77	194.18	182.64	171.11
78	3,247.22	3,054.96	2,860.78	78	218.21	204.75	192.26
79	3,652.88	3,437.55	3,218.38	79	245.13	230.71	216.29
80		3,866.29	3,620.20	80	274.93	258.59	242.24
81		4,350.77	4,073.92	81	309.53	291.27	273.00
82		4,894.86	4,583.40	82	347.98	327.80	306.65
83		5,506.24	5,156.33	83	392.20	369.13	345.10
84		6,196.44	5,800.39	84	440.27	415.27	388.36
				85	495.06	466.22	436.42
				86	557.54	524.86	491.22
				87	626.76	590.23	552.74
				88	705.58	664.25	621.95
				89	793.06	746.92	699.81
				90	893.03	840.16	787.29
				91	1,004.54	945.90	885.34
				92	1,129.51	1,064.14	995.89
				93	1,270.82	1,196.80	1,119.90
				94	1,429.43	1,345.80	1,260.24
				95	1,608.23	1,514.02	1,417.89
				96	1,809.14	1,703.40	1,594.77
				97	2,035.04	1,916.80	1,793.76
				98	2,289.78	2,156.16	2,018.70
				99	2,575.28	2,425.32	2,270.55

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					ial \$5 Increm ination Perio		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	284.54	271.08	255.70	18-44	20.19	19.23	17.30
45-49	338.37	322.99	303.77	45-49	24.03	23.07	21.15
50-54	401.82	380.67	359.52	50-54	27.88	25.95	24.03
55	532.55	499.87	465.26	55	35.57	33.64	31.72
56	569.08	534.47	497.95	56	38.45	36.53	34.61
57	605.61	569.08	530.63	57	41.34	38.45	36.53
58	644.06	607.53	567.16	58	43.26	41.34	38.45
59	686.36	645.98	603.69	59	46.14	44.22	41.34
60	730.58	688.28	644.06	60	49.03	46.14	43.26
61	780.56	734.42	688.28	61	52.87	49.99	46.14
62	832.47	784.41	732.50	62	55.75	52.87	49.99
63	888.23	836.32	782.49	63	59.60	56.72	52.87
64	947.83	892.07	834.39	64	63.44	59.60	56.72
65	1,009.35	949.75	888.23	65	67.29	63.44	59.60
66	1,111.24	1,043.95	976.66	66	74.98	70.17	66.33
67	1,220.83	1,147.77	1,074.72	67	81.71	77.86	73.06
68	1,341.95	1,261.20	1,180.46	68	90.36	85.55	79.79
69	1,474.61	1,386.17	1,297.73	69	99.01	94.21	87.48
70	1,618.80	1,522.67	1,424.62	70	108.63	102.86	96.13
71	1,809.14	1,703.40	1,593.81	71	122.08	115.35	107.66
72	2,022.54	1,903.34	1,782.22	72	135.54	128.81	120.16
73	2,259.02	2,126.36	1,991.78	73	151.88	143.23	133.62
74	2,524.33	2,376.29	2,228.26	74	169.19	159.57	149.96

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	2,820.41	2,655.07	2,489.73	75	188.41	177.84	166.30
76	3,174.16	2,987.67	2,801.18	76	212.44	200.91	187.45
77	3,572.13	3,360.65	3,151.09	77	239.36	225.90	211.48
78	4,018.17	3,781.69	3,545.22	78	268.20	253.78	237.44
79	4,519.96	4,254.64	3,987.41	79	301.84	285.50	267.24
				80	339.33	320.11	299.92
				81	382.59	360.48	337.41
				82	429.69	405.66	379.71
				83	483.53	455.65	427.77
				84	544.09	512.36	480.64
				85	611.38	575.81	540.24
				86	688.28	647.91	608.49
				87	773.83	729.61	684.43
				88	870.92	819.98	769.99
				89	979.55	922.83	866.12
				90	1,102.59	1,038.19	973.78
				91	1,240.06	1,167.96	1,095.86
				92	1,394.82	1,314.08	1,232.37
				93	1,568.82	1,477.49	1,386.17
				94	1,764.92	1,663.02	1,560.16
				95	1,986.01	1,870.66	1,754.34
				96	2,234.02	2,104.25	1,974.48
				97	2,512.80	2,366.68	2,220.57
				98	2,827.14	2,662.76	2,498.38
				99	3,180.89	2,995.36	2,810.80
				55	3,100.03	2,000.00	2,010.00

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **5-YEAR BENEFIT PERIOD**

	\$50 Base Benefit Elimination Period					nal \$5 Increm ination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	365.29	344.14	322.99	18-44	24.99	24.03	22.11
45-49	436.42	409.51	384.51	45-49	30.76	28.84	26.92
50-54	517.17	486.41	455.65	50-54	35.57	33.64	31.72
55	676.74	636.37	594.07	55	45.18	43.26	40.37
56	722.89	678.67	634.45	56	49.03	46.14	43.26
57	769.03	722.89	674.82	57	51.91	49.99	46.14
58	820.94	770.95	719.04	58	55.75	52.87	49.03
59	874.77	820.94	767.10	59	58.64	56.72	52.87
60	930.52	872.85	815.17	60	62.48	59.60	55.75
61	992.05	932.45	872.85	61	67.29	64.41	59.60
62	1,057.41	993.97	932.45	62	72.10	68.25	63.44
63	1,126.63	1,061.26	995.89	63	76.90	72.10	67.29
64	1,201.61	1,132.39	1,065.10	64	81.71	76.90	72.10
65	1,278.51	1,207.37	1,136.24	65	86.52	81.71	75.94
66	1,413.09	1,334.26	1,253.51	66	96.13	90.36	84.59
67	1,561.13	1,472.69	1,382.33	67	105.74	99.97	93.24
68	1,724.54	1,624.57	1,524.60	68	116.32	109.59	102.86
69	1,907.19	1,793.76	1,680.32	69	127.85	121.12	113.43
70	2,105.21	1,978.32	1,851.43	70	140.35	132.66	124.97
71	2,362.84	2,222.49	2,080.22	71	157.65	149.00	140.35
72	2,653.14	2,495.49	2,337.84	72	177.84	167.26	157.65
73	2,976.14	2,801.18	2,624.31	73	198.99	188.41	176.88
74	3,339.50	3,145.32	2,949.22	74	223.98	211.48	198.02

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	3,747.09	3,529.84	3,310.66	75	250.90	236.48	222.06
76	4,216.19	3,972.03	3,727.86	76	282.62	266.28	249.93
77	4,742.98	4,469.97	4,195.04	77	318.19	299.92	281.66
78	5,337.05	5,029.44	4,721.83	78	357.60	337.41	316.26
79	6,004.18	5,660.04	5,313.98	79	401.82	378.75	355.68
				80	451.80	425.85	398.93
				81	508.52	479.68	448.92
				82	571.96	539.28	505.64
				83	643.10	606.57	568.12
				84	723.85	681.55	639.25
				85	813.25	766.14	719.04
				86	915.14	862.27	809.40
				87	1,029.54	969.94	910.34
				88	1,158.35	1,091.06	1,024.73
				89	1,303.50	1,227.56	1,152.58
				90	1,465.96	1,381.37	1,295.81
				91	1,649.56	1,553.44	1,458.27
				92	1,855.28	1,747.61	1,639.95
				93	2,086.95	1,965.83	1,845.67
				94	2,347.46	2,211.92	2,076.37
				95	2,641.61	2,488.76	2,334.96
				96	2,971.33	2,799.26	2,627.19
				97	3,342.39	3,149.17	2,955.95
				98	3,760.54	3,543.29	3,325.08
				99	4,230.61	3,985.48	3,740.36
				00	1,200.01	5,000.10	5,7 10.00

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **UNLIMITED BENEFIT PERIOD**

	\$50 Base Benefit Elimination Period					nal \$5 Increm ination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	472.95	449.88	426.81	18-44	31.72	30.76	28.84
45-49	561.39	534.47	505.64	45-49	38.45	36.53	34.61
50-54	663.29	630.60	597.92	50-54	45.18	43.26	41.34
55	870.92	830.55	790.18	55	59.60	56.72	53.83
56	930.52	888.23	844.01	56	63.44	60.56	57.68
57	993.97	947.83	899.76	57	68.25	64.41	61.52
58	1,063.18	1,011.27	957.44	58	72.10	69.21	65.37
59	1,134.32	1,078.56	1,020.88	59	76.90	74.02	70.17
60	1,211.22	1,149.70	1,088.17	60	80.75	77.86	74.02
61	1,291.97	1,226.60	1,163.15	61	86.52	83.63	78.83
62	1,376.56	1,309.27	1,241.98	62	92.28	88.44	84.59
63	1,465.00	1,395.78	1,324.65	63	98.05	94.21	89.40
64	1,561.13	1,488.07	1,415.01	64	104.78	100.93	95.17
65	1,663.02	1,586.12	1,509.22	65	111.51	106.70	100.93
66	1,834.13	1,749.54	1,663.02	66	123.04	118.24	111.51
67	2,022.54	1,928.34	1,832.21	67	135.54	129.77	123.04
68	2,230.18	2,124.44	2,018.70	68	149.00	143.23	135.54
69	2,458.97	2,341.69	2,224.41	69	164.38	157.65	149.96
70	2,708.90	2,580.09	2,449.35	70	180.72	173.03	164.38
71	3,029.97	2,887.70	2,741.58	71	202.83	194.18	184.57
72	3,389.49	3,229.92	3,068.42	72	226.86	217.25	205.71
73	3,791.31	3,612.51	3,433.71	73	253.78	242.24	230.71
74	4,239.26	4,041.24	3,843.21	74	283.58	271.08	257.62

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit			Additional \$5 Increments				
	Elimination Period				Elin	nination Perio	d
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	4,741.05	4,519.96	4,298.86	75	317.22	302.80	287.42
76	5,335.13	5,087.12	4,839.10	76	357.60	341.26	323.95
77	6,002.26	5,723.49	5,444.71	77	401.82	383.55	364.33
78	6,753.98	6,440.60	6,125.30	78	451.80	430.66	409.51
79	7,599.91	7,246.16	6,892.41	79	508.52	484.49	460.46
				80	571.00	544.09	517.17
				81	643.10	612.34	582.54
				82	722.89	689.24	655.60
				83	813.25	774.80	737.31
				84	915.14	871.88	829.59
				85	1,028.57	980.51	932.45
				86	1,157.39	1,103.55	1,049.72
				87	1,302.54	1,241.02	1,180.46
				88	1,465.00	1,396.75	1,328.49
				89	1,647.64	1,570.74	1,493.84
				90	1,854.32	1,767.80	1,680.32
				91	2,085.99	1,987.94	1,890.85
				92	2,346.49	2,236.91	2,127.32
				93	2,639.69	2,516.64	2,392.64
				94	2,969.41	2,830.98	2,691.60
				95	3,340.46	3,184.73	3,028.05
				96	3,757.66	3,582.71	3,406.79
				97	4,227.73	4,030.66	3,832.64
				98	4,756.43	4,534.38	4,311.36
				99	5,350.51	5,100.57	4,850.64

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD INFLATION BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit					Additional \$5 Increments		
	Elimination Period				Elim	ination Perio	d
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	471.03	442.19	413.35	18-44	31.72	29.80	27.88
45-49	557.54	522.94	488.33	45-49	37.49	35.57	33.64
50-54	657.52	617.14	574.85	50-54	44.22	42.30	39.41
55	830.55	782.49	732.50	55	55.75	52.87	49.03
56	876.69	826.70	774.80	56	59.60	56.72	52.87
57	926.68	872.85	817.09	57	62.48	59.60	55.75
58	978.59	920.91	861.31	58	66.33	63.44	58.64
59	1,032.42	972.82	909.37	59	70.17	66.33	62.48
60	1,088.17	1,024.73	959.36	60	74.02	70.17	65.37
61	1,151.62	1,084.33	1,017.04	61	78.83	74.02	69.21
62	1,218.91	1,147.77	1,074.72	62	82.67	78.83	73.06
63	1,290.04	1,215.06	1,138.16	63	87.48	82.67	76.90
64	1,365.02	1,286.20	1,203.53	64	92.28	87.48	81.71
0.	1,000.02	.,200.20	1,200.00	0.	02.20	07.10	0
65	1,443.85	1,359.26	1,272.74	65	97.09	91.32	85.55
66	1,564.97	1,472.69	1,380.40	66	105.74	99.01	93.24
67	1,695.71	1,595.73	1,493.84	67	114.39	107.66	100.93
68	1,836.05	1,728.39	1,618.80	68	124.01	116.32	108.63
69	1,987.94	1,872.58	1,753.38	69	133.62	125.93	117.28
70	2,153.28	2,026.39	1,899.50	70	144.19	135.54	126.89
70 71	2,133.26	2,020.39	2,084.06	70 71	158.61	149.00	139.39
71 72	2,502.6 <del>4</del> 2,591.62	2,437.82	2,064.00	7 1 72	173.99	163.42	152.84
72 73				72 73			
73 74	2,843.48	2,674.29	2,505.11	73 74	190.33	179.76	168.22
74	3,118.41	2,933.84	2,747.35	74	209.56	197.06	184.57

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**STANDARD INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	3,420.25	3,216.46	3,010.74	75	228.79	215.33	201.87
76	3,848.98	3,620.20	3,389.49	76	257.62	242.24	227.82
77	4,331.55	4,073.92	3,812.45	77	289.35	273.00	255.70
78	4,873.71	4,583.40	4,291.17	78	325.88	306.65	287.42
79	5,483.17	5,156.33	4,827.57	79	366.25	345.10	323.95
80		5,800.39	5,431.26	80		387.40	363.37
81		6,527.12	6,111.85	81		436.42	409.51
82		7,342.29	6,877.03	82		490.25	460.46
83		8,259.35	7,738.34	83		551.78	517.17
84		9,291.77	8,707.31	84		620.99	581.58

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD INFLATION BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### **3-YEAR BENEFIT PERIOD**

lague	\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	569.08	536.40	503.71	18-44	39.41	37.49	34.61	
45-49	676.74	636.37	596.00	45-49	46.14	44.22	41.34	
50-54	803.63	753.65	703.66	50-54	53.83	50.95	48.06	
55	1,022.81	965.13	907.45	55	69.21	65.37	60.56	
56	1,082.41	1,020.88	959.36	56	73.06	69.21	64.41	
57	1,143.93	1,078.56	1,013.19	57	77.86	73.06	68.25	
58	1,209.30	1,140.08	1,068.95	58	81.71	76.90	72.10	
59	1,278.51	1,203.53	1,128.55	59	86.52	81.71	75.94	
60	1,349.64	1,270.82	1,190.07	60	90.36	85.55	79.79	
61	1,426.55	1,343.88	1,259.28	61	96.13	91.32	84.59	
62	1,507.29	1,418.86	1,330.42	62	101.90	96.13	89.40	
63	1,591.89	1,499.60	1,405.40	63	106.70	100.93	94.21	
64	1,680.32	1,584.20	1,486.15	64	113.43	106.70	99.97	
65	1,774.53	1,672.63	1,568.82	65	119.20	112.47	104.78	
66	1,926.41	1,816.83	1,703.40	66	129.77	122.08	114.39	
67	2,091.75	1,970.63	1,847.59	67	141.31	132.66	124.01	
68	2,270.55	2,137.90	2,005.24	68	152.84	144.19	134.58	
69	2,464.73	2,320.54	2,174.42	69	166.30	156.69	146.12	
70	2,674.29	2,516.64	2,358.99	70	179.76	169.19	158.61	
71	2,939.61	2,766.58	2,593.54	71	198.02	186.49	174.95	
72	3,231.84	3,041.50	2,851.17	72	217.25	204.75	192.26	
73	3,552.91	3,343.35	3,133.79	73	238.40	224.94	210.52	
74	3,904.74	3,674.03	3,443.32	74	262.43	247.05	231.67	
75 70	4,291.17	4,037.39	3,783.61	75 70	287.42	271.08	253.78	
76	4,829.49	4,543.03	4,258.49	76 	323.95	305.69	285.50	
77	5,433.18	5,112.11	4,792.96	77	364.33	343.18	321.07	
78	6,113.77	5,752.32	5,392.80	78	409.51	385.47	361.44	
79	6,878.95	6,473.29	6,067.63	79	460.46	433.54	406.62	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD INFLATION BENEFITS

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### **5-YEAR BENEFIT PERIOD**

lague	\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period Issue		
Issue Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	759.41	715.20	670.98	18-44	50.95	48.06	45.18
45-49	893.99	844.01	792.10	45-49	60.56	57.68	53.83
50-54	1,049.72	992.05	932.45	50-54	71.14	67.29	62.48
55	1,366.95	1,288.12	1,207.37	55	91.32	86.52	80.75
56	1,441.93	1,359.26	1,276.59	56	97.09	92.28	85.55
57	1,520.75	1,434.24	1,347.72	57	102.86	97.09	90.36
58	1,605.34	1,513.06	1,422.70	58	108.63	101.90	95.17
59	1,691.86	1,597.65	1,501.53	59	114.39	107.66	100.93
60	1,784.14	1,684.17	1,584.20	60	120.16	113.43	105.74
61	1,886.04	1,780.30	1,672.63	61	126.89	120.16	112.47
62	1,991.78	1,880.27	1,766.84	62	134.58	126.89	118.24
63	2,105.21	1,984.09	1,864.89	63	141.31	133.62	124.97
64	2,222.49	2,095.60	1,968.71	64	149.00	141.31	131.70
65	2,347.46	2,212.88	2,076.37	65	156.69	148.04	138.42
66	2,555.09	2,408.98	2,260.94	66	171.11	161.50	150.92
67	2,781.96	2,620.46	2,458.97	67	186.49	175.92	164.38
68	3,026.12	2,853.09	2,676.22	68	202.83	191.30	179.76
69	3,293.36	3,103.03	2,912.69	69	221.10	208.60	195.14
70	3,583.67	3,376.03	3,168.39	70	240.32	226.86	212.44
71	3,948.96	3,720.17	3,491.38	71	265.31	249.93	234.55
72	4,348.85	4,096.99	3,845.14	72	291.27	274.93	257.62
73	4,789.12	4,512.27	4,235.42	73	321.07	302.80	283.58
74	5,275.53	4,969.84	4,664.15	74	353.75	333.57	312.42
75	5,810.00	5,473.55	5,137.10	75	388.36	366.25	343.18
76	6,538.66	6,159.91	5,781.16	76	437.38	412.39	386.44
77	7,355.75	6,930.86	6,504.05	77	492.18	463.34	434.50
78	8,276.66	7,797.94	7,317.30	78	552.74	521.02	489.29
79	9,312.92	8,772.68	8,232.44	79	621.95	586.38	549.85

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

STANDARD INFLATION BENEFITS FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit Elimination Period				laava	Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	978.59	936.29	892.07	18-44	66.33	63.44	59.60
45-49	1,170.84	1,117.01	1,063.18	45-49	78.83	75.94	71.14
50-54	1,397.71	1,332.34	1,265.05	50-54	93.24	89.40	84.59
55	1,799.52	1,713.01	1,624.57	55	120.16	115.35	109.59
56	1,899.50	1,809.14	1,716.85	56	126.89	122.08	116.32
57	2,005.24	1,909.11	1,812.98	57	134.58	128.81	122.08
58	2,116.75	2,016.77	1,912.96	58	142.27	135.54	128.81
59	2,234.02	2,128.28	2,020.62	59	149.96	143.23	136.50
60	2,357.07	2,245.56	2,132.13	60	157.65	150.92	143.23
61	2,489.73	2,370.53	2,253.25	61	167.26	159.57	151.88
62	2,626.23	2,503.18	2,378.22	62	175.92	168.22	159.57
63	2,772.34	2,641.61	2,510.87	63	185.53	177.84	169.19
64	2,926.15	2,789.65	2,651.22	64	196.10	187.45	177.84
65	3,087.65	2,943.45	2,799.26	65	206.68	197.06	187.45
66	3,354.88	3,197.23	3,041.50	66	224.94	214.37	203.79
67	3,643.27	3,472.16	3,301.05	67	244.17	232.63	221.10
68	3,954.72	3,770.16	3,585.59	68	264.35	252.82	240.32
69	4,295.02	4,095.07	3,893.20	69	287.42	273.97	260.51
70	4,664.15	4,444.98	4,225.81	70	311.46	297.04	282.62
71	5,121.72	4,881.40	4,641.08	71	342.22	326.84	310.49
72	5,621.59	5,360.12	5,096.73	72	375.86	358.56	341.26
73	6,171.44	5,884.98	5,596.60	73	412.39	393.17	373.94
74	6,775.13	6,459.83	6,146.45	74	452.76	432.58	410.47
75	7,436.49	7,092.36	6,748.22	75	496.98	473.91	449.88
76	8,367.02	7,980.58	7,592.22	76	559.47	533.51	506.60
77	9,414.82	8,976.47	8,540.05	77	629.64	599.84	570.04
78	10,591.43	10,099.25	9,607.07	78	707.51	674.82	641.18
79	11,916.08	11,362.38	10,806.76	79	795.94	759.41	721.92

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit					Additional \$5 Increments		
lagua	Elimination Period				Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	209.56	198.02	184.57	18-44	15.38	14.42	13.46
45-49	244.17	232.63	217.25	45-49	18.26	17.30	15.38
50-54	282.62	269.16	253.78	50-54	20.19	19.23	17.30
55	386.44	361.44	336.45	55	25.95	24.99	23.07
56	413.35	388.36	361.44	56	27.88	26.92	24.99
57	442.19	415.27	384.51	57	29.80	28.84	26.92
58	472.95	442.19	411.43	58	32.68	30.76	28.84
59	505.64	472.95	440.27	59	34.61	32.68	30.76
60	540.24	505.64	469.11	60	36.53	34.61	32.68
61	578.69	542.16	503.71	61	39.41	37.49	35.57
62	620.99	580.62	540.24	62	42.30	40.37	37.49
63	663.29	622.91	580.62	63	45.18	42.30	40.37
64	709.43	667.13	622.91	64	48.06	45.18	43.26
65	759.41	713.27	667.13	65	50.95	48.06	45.18
66	832.47	782.49	730.58	66	56.72	52.87	49.99
67	911.30	855.54	799.79	67	61.52	58.64	54.79
68	995.89	936.29	876.69	68	67.29	63.44	59.60
69	1,090.10	1,024.73	959.36	69	74.02	70.17	65.37
70	1,191.99	1,120.86	1,049.72	70	80.75	75.94	71.14
71	1,330.42	1,251.59	1,172.77	71	90.36	85.55	79.79
72	1,484.22	1,395.78	1,307.35	72	100.93	95.17	88.44
73	1,657.25	1,557.28	1,459.23	73	112.47	105.74	99.01
74	1,847.59	1,738.00	1,628.42	74	124.97	117.28	109.59

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	2,060.99	1,937.95	1,814.90	75	138.42	130.73	122.08
76	2,320.54	2,182.12	2,043.69	76	155.73	147.08	137.46
77	2,610.85	2,455.12	2,301.31	77	175.92	165.34	154.77
78	2,935.76	2,762.73	2,589.70	78	197.06	186.49	173.99
79	3,304.90	3,110.72	2,914.61	79	222.06	209.56	195.14
80		3,499.07	3,279.90	80	248.97	234.55	219.17
81		3,937.42	3,691.33	81	280.70	264.35	247.05
82		4,429.60	4,150.83	82	315.30	297.04	277.81
83		4,983.30	4,669.92	83	354.71	334.53	312.42
84		5,606.21	5,252.46	84	398.93	375.86	351.83
				85	447.96	422.00	395.09
				86	504.67	474.87	445.07
				87	567.16	534.47	500.83
				88	638.29	601.76	563.31
				89	718.08	676.74	633.49
				90	807.48	761.34	712.31
				91	908.41	855.54	801.71
				92	1,021.85	963.21	901.68
				93	1,149.70	1,083.37	1,014.15
				94	1,293.89	1,218.91	1,141.04
				95	1,455.38	1,370.79	1,283.31
				96	1,637.07	1,541.90	1,443.85
				97	1,841.82	1,735.12	1,624.57
				98	2,071.57	1,951.41	1,827.40
				99	2,330.15	2,195.57	2,055.23

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period						Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	242.24	226.86	211.48	18-44	17.30	16.34	15.38	
45-49	286.46	269.16	251.86	45-49	20.19	19.23	18.26	
50-54	334.53	315.30	296.08	50-54	23.07	22.11	20.19	
55	461.42	430.66	399.89	55	30.76	29.80	27.88	
56	494.10	461.42	428.73	56	33.64	32.68	29.80	
57	526.78	494.10	459.49	57	35.57	34.61	31.72	
58	563.31	528.71	492.18	58	38.45	36.53	34.61	
59	601.76	565.24	526.78	59	41.34	39.41	36.53	
60	642.14	603.69	563.31	60	43.26	41.34	38.45	
61	688.28	645.98	603.69	61	47.10	44.22	41.34	
62	736.34	692.12	645.98	62	49.99	48.06	44.22	
63	786.33	740.19	690.20	63	53.83	50.95	47.10	
64	842.09	792.10	740.19	64	56.72	54.79	50.95	
65	899.76	845.93	790.18	65	60.56	57.68	53.83	
66	990.12	932.45	870.92	66	67.29	63.44	59.60	
67	1,090.10	1,024.73	959.36	67	74.02	70.17	65.37	
68	1,199.68	1,128.55	1,055.49	68	80.75	76.90	71.14	
69	1,318.88	1,241.98	1,161.23	69	88.44	83.63	78.83	
70	1,449.62	1,365.02	1,278.51	70	97.09	91.32	85.55	
71	1,620.73	1,526.52	1,430.39	71	108.63	102.86	96.13	
72	1,812.98	1,707.24	1,599.58	72	122.08	115.35	107.66	
73	2,026.39	1,909.11	1,787.99	73	136.50	128.81	120.16	
74	2,264.79	2,134.05	1,999.47	74	152.84	144.19	134.58	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	2,532.02	2,383.98	2,235.95	75	170.15	160.53	149.96
76	2,851.17	2,683.91	2,516.64	76	192.26	180.72	169.19
77	3,206.84	3,020.36	2,831.94	77	215.33	203.79	190.33
78	3,608.66	3,397.18	3,185.70	78	242.24	228.79	214.37
79	4,062.39	3,823.99	3,583.67	79	272.04	256.66	240.32
				80	305.69	288.39	270.12
				81	344.14	324.91	303.77
				82	387.40	365.29	342.22
				83	435.46	410.47	384.51
				84	489.29	461.42	432.58
				85	549.85	518.13	485.45
				86	619.07	583.50	546.97
				87	695.97	656.56	615.22
				88	783.45	738.27	692.12
				89	881.50	830.55	777.68
				90	991.08	934.37	875.73
				91	1,115.09	1,050.68	984.36
				92	1,254.48	1,182.38	1,107.40
				93	1,411.17	1,329.46	1,245.82
				94	1,588.04	1,495.76	1,401.55
				95	1,786.07	1,683.21	1,576.51
				96	2,009.08	1,893.73	1,773.57
				97	2,259.98	2,130.21	1,995.63
				98	2,542.60	2,396.48	2,244.60
				99	2,860.78	2,695.44	2,525.29
					_,0000	_,	=,0=0.=0

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	299.92	280.70	259.55	18-44	20.19	19.23	18.26
45-49	351.83	330.68	309.53	45-49	24.99	23.07	22.11
50-54	409.51	388.36	367.21	50-54	28.84	26.92	24.99
55	578.69	547.93	515.25	55	39.41	37.49	34.61
56	620.99	586.38	551.78	56	42.30	40.37	37.49
57	663.29	626.76	588.31	57	45.18	43.26	40.37
58	709.43	669.05	626.76	58	48.06	46.14	43.26
59	759.41	715.20	669.05	59	51.91	49.03	46.14
60	811.32	763.26	713.27	60	54.79	51.91	49.03
61	869.00	817.09	765.18	61	58.64	55.75	52.87
62	928.60	874.77	820.94	62	63.44	59.60	55.75
63	992.05	936.29	878.61	63	67.29	63.44	59.60
64	1,061.26	1,003.58	942.06	64	72.10	68.25	63.44
65	1,134.32	1,072.79	1,009.35	65	76.90	72.10	67.29
66	1,255.44	1,186.22	1,117.01	66	85.55	79.79	74.98
67	1,390.02	1,311.19	1,232.37	67	94.21	88.44	82.67
68	1,536.13	1,449.62	1,361.18	68	103.82	98.05	91.32
69	1,699.55	1,603.42	1,505.37	69	114.39	108.63	100.93
70	1,880.27	1,770.69	1,661.10	70	125.93	119.20	111.51
71	2,110.98	1,987.94	1,864.89	71	141.31	134.58	125.93
72	2,368.60	2,232.10	2,093.68	72	158.61	149.96	140.35
73	2,658.91	2,503.18	2,349.38	73	178.80	168.22	157.65
74	2,983.83	2,810.80	2,637.76	74	199.95	189.37	176.88

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit			Additional \$5 Increments				
	Elimination Period				Elin	nination Perio	d
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	3,347.19	3,153.01	2,958.83	75	223.98	211.48	198.02
76	3,768.23	3,549.06	3,329.89	76	252.82	238.40	223.02
77	4,239.26	3,993.17	3,747.09	77	283.58	268.20	250.90
78	4,771.82	4,493.04	4,216.19	78	319.15	300.88	282.62
79	5,369.73	5,056.36	4,742.98	79	358.56	338.37	317.22
				80	402.78	379.71	356.64
				81	453.73	427.77	401.82
				82	510.44	480.64	451.80
				83	573.89	541.20	507.56
				84	645.98	608.49	571.00
				85	725.77	684.43	642.14
				86	817.09	769.99	722.89
				87	918.99	867.08	813.25
				88	1,033.38	974.74	915.14
				89	1,163.15	1,096.83	1,029.54
				90	1,308.31	1,234.29	1,157.39
				91	1,471.73	1,388.09	1,302.54
				92	1,655.33	1,561.13	1,465.00
				93	1,862.97	1,756.27	1,647.64
				94	2,095.60	1,976.40	1,854.32
				95	2,357.07	2,223.45	2,085.99
				96	2,652.18	2,501.26	2,346.49
				97	2,982.87	2,813.68	2,639.69
				98	3,355.84	3,165.51	2,969.41
				99	3,775.92	3,560.60	3,340.46

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit Elimination Period						<u>ial \$5 Increm</u> ination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	382.59	361.44	340.29	18-44	25.95	24.99	24.03
45-49	459.49	434.50	409.51	45-49	31.72	30.76	28.84
50-54	547.93	519.09	490.25	50-54	36.53	35.57	33.64
55	749.80	715.20	680.59	55	50.95	49.03	46.14
56	801.71	765.18	728.65	56	54.79	52.87	49.99
57	857.47	817.09	778.64	57	58.64	56.72	52.87
58	915.14	872.85	830.55	58	62.48	60.56	56.72
59	978.59	932.45	888.23	59	67.29	64.41	60.56
60	1,043.95	995.89	947.83	60	71.14	68.25	64.41
61	1,118.93	1,067.03	1,015.12	61	75.94	73.06	69.21
62	1,197.76	1,142.01	1,086.25	62	81.71	77.86	74.02
63	1,282.35	1,222.75	1,161.23	63	86.52	83.63	78.83
64	1,374.64	1,309.27	1,241.98	64	92.28	88.44	84.59
65	1,470.76	1,399.63	1,328.49	65	98.05	94.21	89.40
66	1,620.73	1,543.82	1,465.00	66	108.63	103.82	99.01
67	1,786.07	1,701.47	1,614.96	67	119.20	114.39	108.63
68	1,968.71	1,874.50	1,780.30	68	131.70	126.89	120.16
69	2,170.58	2,066.76	1,961.02	69	145.15	139.39	132.66
70	2,389.75	2,276.32	2,160.97	70	159.57	152.84	145.15
71	2,676.22	2,551.25	2,422.44	71	178.80	171.11	162.46
72	2,995.36	2,856.94	2,714.67	72	200.91	192.26	182.64
73	3,354.88	3,199.15	3,041.50	73	224.94	214.37	203.79
74	3,754.78	3,581.75	3,406.79	74	251.86	240.32	227.82

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4

### **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit			Additional \$5 Increments				
	Elimination Period				Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	4,202.73	4,010.48	3,816.30	75	281.66	268.20	254.74
76	4,729.52	4,512.27	4,293.10	76	317.22	301.84	287.42
77	5,321.67	5,077.50	4,829.49	77	356.64	340.29	322.99
78	5,988.80	5,711.95	5,433.18	78	400.86	382.59	363.37
79	6,738.60	6,427.15	6,111.85	79	450.84	430.66	408.55
				80	506.60	483.53	459.49
				81	570.04	544.09	517.17
				82	641.18	612.34	581.58
				83	721.92	688.28	653.67
				84	811.32	773.83	735.38
				85	912.26	869.96	826.70
				86	1,026.65	979.55	930.52
				87	1,155.46	1,101.63	1,046.84
				88	1,299.66	1,239.10	1,177.57
				89	1,462.11	1,393.86	1,324.65
				90	1,644.76	1,567.85	1,489.99
				91	1,849.51	1,763.96	1,676.48
				92	2,081.18	1,985.05	1,886.04
				93	2,340.73	2,233.06	2,121.55
				94	2,633.92	2,511.84	2,386.87
				95	2,962.68	2,825.21	2,684.87
				96	3,332.77	3,178.97	3,020.36
				97	3,749.97	3,575.98	3,398.14
				98	4,218.12	4,022.97	3,823.03
				99	4,745.86	4,525.73	4,300.79

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### 2-YEAR BENEFIT PERIOD

	\$50 Base Benefit Elimination Period					nal \$5 Increm ination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	397.97	376.82	355.68	18-44	27.88	25.95	24.03
45-49	471.03	444.11	419.12	45-49	33.64	31.72	28.84
50-54	553.70	522.94	490.25	50-54	38.45	36.53	33.64
55	732.50	688.28	644.06	55	49.03	46.14	43.26
56	774.80	728.65	682.51	56	52.87	49.03	46.14
57	820.94	770.95	720.96	57	55.75	51.91	49.03
58	867.08	815.17	763.26	58	58.64	55.75	51.91
59	917.07	863.23	805.56	59	62.48	58.64	54.79
60	968.97	911.30	851.70	60	65.37	61.52	57.68
61	1,026.65	965.13	901.68	61	69.21	65.37	61.52
62	1,088.17	1,022.81	955.52	62	74.02	69.21	65.37
63	1,151.62	1,082.41	1,011.27	63	77.86	73.06	69.21
64	1,218.91	1,145.85	1,068.95	64	82.67	77.86	73.06
65	1,290.04	1,211.22	1,130.47	65	86.52	81.71	76.90
66	1,399.63	1,315.04	1,228.52	66	94.21	89.40	83.63
67	1,516.91	1,426.55	1,332.34	67	101.90	96.13	90.36
68	1,645.72	1,547.67	1,445.77	68	110.55	104.78	98.05
69	1,784.14	1,678.40	1,568.82	69	120.16	113.43	105.74
70	1,934.10	1,818.75	1,701.47	70	129.77	122.08	114.39
71	2,124.44	1,997.55	1,868.74	71	143.23	134.58	125.93
72	2,332.08	2,191.73	2,051.38	72	156.69	147.08	138.42
73	2,558.94	2,405.13	2,251.33	73	171.11	161.50	151.88
74	2,808.87	2,639.69	2,470.50	74	188.41	177.84	166.30

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
75	3,081.88	2,897.31	2,710.82	75	205.71	194.18	181.68	
76	3,468.31	3,260.68	3,051.12	76	231.67	219.17	204.75	
77	3,900.89	3,668.26	3,433.71	77	260.51	246.09	230.71	
78	4,387.30	4,125.83	3,864.36	78	293.19	276.85	258.59	
79	4,933.31	4,641.08	4,346.93	79	330.68	310.49	291.27	
80		5,219.77	4,891.01	80		348.95	326.84	
81		5,873.45	5,504.31	81		393.17	368.17	
82		6,609.79	6,192.59	82		442.19	414.31	
83		7,436.49	6,967.39	83		496.98	465.26	
84		8,367.02	7,840.23	84		559.47	523.90	

<u>Fractional Premiums (expressed as a percent of annual premium)</u>	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	486.41	457.57	428.73	18-44	32.68	30.76	28.84
45-49	574.85	542.16	507.56	45-49	39.41	36.53	34.61
50-54	676.74	638.29	599.84	50-54	46.14	43.26	40.37
55	892.07	842.09	792.10	55	60.56	56.72	52.87
56	945.90	892.07	840.16	56	64.41	60.56	56.72
57	1,001.66	945.90	888.23	57	68.25	63.44	59.60
58	1,061.26	999.74	940.14	58	72.10	67.29	63.44
59	1,124.70	1,059.34	993.97	59	75.94	71.14	66.33
60	1,190.07	1,120.86	1,051.64	60	79.79	74.98	70.17
61	1,261.20	1,188.15	1,115.09	61	84.59	79.79	74.98
62	1,334.26	1,257.36	1,178.53	62	89.40	84.59	78.83
63	1,413.09	1,330.42	1,247.75	63	95.17	89.40	83.63
64	1,495.76	1,409.24	1,320.80	64	99.97	95.17	88.44
65	1,582.27	1,489.99	1,397.71	65	105.74	99.97	93.24
66	1,718.78	1,618.80	1,518.83	66	115.35	108.63	101.90
67	1,866.81	1,757.23	1,649.56	67	124.97	118.24	110.55
68	2,026.39	1,909.11	1,791.83	68	136.50	128.81	120.16
69	2,199.42	2,072.53	1,945.64	69	148.04	139.39	130.73
70	2,387.83	2,249.41	2,110.98	70	160.53	150.92	141.31
71	2,628.15	2,474.35	2,322.46	71	176.88	166.30	155.73
72	2,889.62	2,722.36	2,551.25	72	194.18	182.64	171.11
73	3,178.01	2,993.44	2,805.03	73	213.41	200.91	188.41
74	3,497.15	3,291.44	3,083.80	74	234.55	221.10	206.68
75	3,845.14	3,618.27	3,389.49	75	256.66	242.24	226.86
76	4,325.78	4,072.00	3,814.38	76	289.35	273.00	255.70
77	4,867.94	4,581.48	4,291.17	77	324.91	306.65	287.42
78	5,475.48	5,152.48	4,829.49	78	366.25	345.10	322.99
79	6,159.91	5,798.47	5,433.18	79	411.43	387.40	363.37

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period						nal \$5 Incremination Perio	I \$5 Increments ation Period	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	620.99	586.38	549.85	18-44	42.30	40.37	37.49	
45-49	742.11	699.81	655.60	45-49	50.95	48.06	45.18	
50-54	884.38	832.47	780.56	50-54	59.60	56.72	52.87	
55	1,182.38	1,109.32	1,036.26	55	78.83	74.98	70.17	
56	1,251.59	1,174.69	1,097.79	56	83.63	79.79	74.98	
57	1,322.73	1,241.98	1,161.23	57	88.44	84.59	78.83	
58	1,399.63	1,315.04	1,230.44	58	94.21	89.40	83.63	
59	1,480.38	1,391.94	1,301.58	59	99.01	94.21	88.44	
60	1,564.97	1,470.76	1,376.56	60	104.78	99.01	93.24	
61	1,657.25	1,559.20	1,461.15	61	111.51	105.74	99.01	
62	1,755.31	1,651.49	1,547.67	62	118.24	111.51	104.78	
63	1,859.12	1,749.54	1,641.87	63	124.97	118.24	110.55	
64	1,966.79	1,853.36	1,739.92	64	131.70	124.97	117.28	
65	2,082.14	1,962.94	1,843.74	65	139.39	131.70	123.04	
66	2,266.71	2,135.97	2,007.16	66	151.88	144.19	134.58	
67	2,466.66	2,324.39	2,182.12	67	165.34	156.69	146.12	
68	2,685.83	2,530.10	2,374.37	68	179.76	170.15	159.57	
69	2,922.30	2,751.20	2,582.01	69	196.10	185.53	173.03	
70	3,179.93	2,993.44	2,806.95	70	212.44	200.91	188.41	
71	3,504.84	3,301.05	3,095.34	71	234.55	222.06	207.64	
72	3,862.44	3,637.50	3,410.64	72	258.59	244.17	228.79	
73	4,256.57	4,008.56	3,758.62	73	284.54	269.16	252.82	
74	4,691.07	4,418.06	4,143.14	74	313.38	296.08	277.81	
75	5,169.79	4,867.94	4,564.18	75	345.10	325.88	305.69	
76	5,815.77	5,477.40	5,137.10	76	388.36	367.21	344.14	
77	6,542.50	6,161.83	5,779.24	77	437.38	412.39	387.40	
78	7,359.59	6,932.78	6,504.05	78	492.18	464.30	435.46	
79	8,280.50	7,797.94	7,317.30	79	553.70	521.98	489.29	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**REDUCED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI

### **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit Elimination Period						nal \$5 Increm ination Perio		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	824.78	784.41	742.11	18-44	55.75	53.83	50.95	
45-49	993.97	945.90	893.99	45-49	67.29	64.41	61.52	
50-54	1,195.84	1,136.24	1,074.72	50-54	79.79	76.90	73.06	
55	1,572.66	1,501.53	1,430.39	55	105.74	100.93	96.13	
56	1,664.94	1,589.96	1,514.98	56	112.47	107.66	101.90	
57	1,761.07	1,682.25	1,603.42	57	118.24	113.43	108.63	
58	1,862.97	1,778.38	1,695.71	58	124.97	120.16	114.39	
59	1,968.71	1,882.19	1,793.76	59	132.66	126.89	121.12	
60	2,082.14	1,989.86	1,897.58	60	139.39	133.62	127.85	
61	2,201.34	2,103.29	2,005.24	61	148.04	141.31	135.54	
62	2,328.23	2,222.49	2,116.75	62	156.69	149.96	143.23	
63	2,460.89	2,347.46	2,234.02	63	165.34	157.65	150.92	
64	2,599.31	2,480.11	2,358.99	64	174.95	167.26	158.61	
65	2,747.35	2,618.54	2,489.73	65	184.57	175.92	167.26	
66	2,985.75	2,847.32	2,706.98	66	200.91	191.30	181.68	
67	3,245.30	3,093.41	2,941.53	67	218.21	207.64	197.06	
68	3,527.91	3,362.57	3,197.23	68	236.48	225.90	214.37	
69	3,833.60	3,654.80	3,476.00	69	256.66	245.13	232.63	
70	4,164.28	3,970.10	3,775.92	70	277.81	265.31	251.86	
71	4,577.64	4,364.23	4,150.83	71	305.69	292.23	276.85	
72	5,029.44	4,796.81	4,562.26	72	336.45	321.07	304.73	
73	5,527.38	5,271.68	5,014.06	73	369.13	352.79	334.53	
74	6,073.39	5,792.70	5,512.00	74	406.62	387.40	368.17	
75	6,673.24	6,365.62	6,056.09	75	446.04	424.89	403.74	
76	7,509.55	7,163.49	6,813.58	76	501.79	478.72	454.69	
77	8,449.69	8,057.48	7,665.28	77	564.27	538.32	511.40	
78	9,507.10	9,064.91	8,622.72	78	635.41	605.61	575.81	
79	10,697.17	10,199.23	9,701.28	79	714.23	680.59	646.94	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	251.86	240.32	226.86	18-44	18.26	17.30	15.38
45-49	301.84	284.54	267.24	45-49	22.11	21.15	19.23
50-54	359.52	336.45	313.38	50-54	24.99	24.03	22.11
55	467.18	440.27	411.43	55	32.68	30.76	28.84
56	499.87	469.11	438.35	56	34.61	32.68	30.76
57	532.55	499.87	465.26	57	37.49	34.61	32.68
58	569.08	532.55	496.02	58	39.41	36.53	34.61
59	605.61	567.16	526.78	59	41.34	38.45	36.53
60	645.98	603.69	559.47	60	43.26	40.37	37.49
61	688.28	644.06	597.92	61	46.14	43.26	40.37
62	732.50	686.36	638.29	62	49.99	47.10	43.26
63	780.56	730.58	680.59	63	52.87	49.99	46.14
64	830.55	778.64	724.81	64	56.72	53.83	49.99
65	882.46	828.63	772.87	65	59.60	56.72	52.87
66	970.90	911.30	849.78	66	65.37	62.48	58.64
67	1,065.10	999.74	934.37	67	72.10	68.25	64.41
68	1,168.92	1,097.79	1,024.73	68	78.83	74.98	70.17
69	1,284.28	1,205.45	1,126.63	69	86.52	81.71	76.90
70	1,409.24	1,322.73	1,236.21	70	94.21	89.40	83.63
71	1,566.89	1,470.76	1,374.64	71	104.78	99.97	93.24
72	1,743.77	1,636.11	1,528.44	72	116.32	110.55	103.82
73	1,937.95	1,818.75	1,699.55	73	129.77	123.04	115.35
74	2,153.28	2,022.54	1,889.88	74	144.19	136.50	127.85

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

### 2-YEAR BENEFIT PERIOD

\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	2,393.60	2,247.48	2,099.44	75	159.57	150.92	141.31
76	2,691.60	2,528.18	2,364.76	76	179.76	170.15	159.57
77	3,028.05	2,845.40	2,660.83	77	202.83	191.30	178.80
78	3,404.87	3,199.15	2,993.44	78	227.82	215.33	200.91
79	3,827.83	3,599.05	3,370.26	79	256.66	241.28	225.90
80		4,047.01	3,791.31	80	288.39	271.08	253.78
81		4,554.56	4,266.18	81	324.91	305.69	285.50
82		5,125.57	4,800.65	82	365.29	343.18	321.07
83		5,767.71	5,402.42	83	410.47	385.47	361.44
84		6,490.59	6,079.16	84	461.42	433.54	406.62
				85	518.13	487.37	456.61
				86	583.50	548.89	514.29
				87	656.56	617.14	578.69
				88	738.27	694.05	650.79
				89	830.55	781.52	731.54
				90	934.37	878.61	822.86
				91	1,050.68	988.20	925.72
				92	1,182.38	1,112.21	1,042.03
				93	1,329.46	1,250.63	1,171.81
				94	1,495.76	1,407.32	1,318.88
				95	1,683.21	1,583.24	1,483.26
				96	1,893.73	1,781.26	1,668.79
				97	2,130.21	2,003.32	1,877.39
				98	2,130.21	2,003.32	2,111.94
				99	2,695.44	2,535.87	2,375.33
				99	2,033. <del>44</del>	2,000.07	2,373.33

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

## **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit					Additional \$5 Increments		
Elimination Period				Elimination Period			
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	311.46	290.31	269.16	18-44	21.15	20.19	19.23
45-49	372.98	347.98	321.07	45-49	25.95	24.99	23.07
50-54	442.19	413.35	382.59	50-54	29.80	28.84	26.92
55	561.39	530.63	497.95	55	38.45	36.53	33.64
56	599.84	567.16	530.63	56	41.34	39.41	36.53
57	640.22	603.69	565.24	57	44.22	41.34	38.45
58	682.51	642.14	601.76	58	46.14	44.22	41.34
59	726.73	684.43	640.22	59	49.03	47.10	44.22
60	774.80	728.65	680.59	60	51.91	49.03	46.14
61	826.70	776.72	724.81	61	55.75	52.87	49.99
62	878.61	826.70	770.95	62	59.60	55.75	52.87
63	936.29	878.61	820.94	63	63.44	59.60	56.72
64	995.89	934.37	872.85	64	67.29	63.44	59.60
65	1,059.34	993.97	928.60	65	71.14	67.29	63.44
66	1,165.08	1,093.94	1,022.81	66	78.83	74.02	70.17
67	1,282.35	1,203.53	1,126.63	67	86.52	81.71	76.90
68	1,409.24	1,324.65	1,240.06	68	95.17	89.40	84.59
69	1,549.59	1,457.31	1,366.95	69	104.78	98.05	92.28
70	1,703.40	1,603.42	1,503.45	70	114.39	107.66	100.93
71	1,903.34	1,791.83	1,680.32	71	127.85	121.12	113.43
72	2,126.36	2,001.39	1,876.43	72	143.23	134.58	125.93
73	2,374.37	2,235.95	2,095.60	73	159.57	149.96	141.31
74	2,651.22	2,497.42	2,339.77	74	177.84	167.26	157.65

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

## **3-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period				Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	2,960.76	2,787.72	2,612.77	75	198.02	186.49	174.95
76	3,331.81	3,137.63	2,939.61	76	223.02	210.52	197.06
77	3,749.01	3,529.84	3,306.82	77	250.90	236.48	222.06
78	4,218.12	3,970.10	3,720.17	78	282.62	266.28	249.93
79	4,746.82	4,466.13	4,185.43	79	317.22	299.92	280.70
				80	356.64	336.45	315.30
				81	401.82	378.75	354.71
				82	451.80	425.85	398.93
				83	507.56	478.72	448.92
				84	571.00	538.32	504.67
				85	642.14	604.65	567.16
				86	722.89	680.59	638.29
				87	813.25	766.14	718.08
				88	915.14	861.31	808.44
				89	1,029.54	968.97	909.37
				90	1,157.39	1,090.10	1,022.81
				91	1,302.54	1,226.60	1,150.66
				92	1,465.00	1,379.44	1,293.89
				93	1,647.64	1,551.51	1,455.38
				94	1,854.32	1,745.69	1,638.03
				95	2,085.99	1,963.90	1,841.82
				96	2,346.49	2,209.03	2,072.53
				97	2,639.69	2,485.88	2,331.11
				98	2,969.41	2,796.38	2,622.38
				99	3,340.46	3,145.32	2,950.18
					- ,	,	,

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

## **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					al \$5 Increm ination Perio		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	403.74	380.67	355.68	18-44	26.92	25.95	24.03
45-49	482.56	453.73	424.89	45-49	32.68	31.72	28.84
50-54	576.77	540.24	503.71	50-54	38.45	36.53	34.61
55	717.12	676.74	634.45	55	49.03	46.14	43.26
56	765.18	722.89	676.74	56	52.87	49.99	46.14
57	817.09	770.95	720.96	57	55.75	52.87	49.03
58	870.92	820.94	769.03	58	59.60	55.75	52.87
59	928.60	874.77	819.01	59	62.48	59.60	55.75
60	990.12	932.45	872.85	60	66.33	62.48	58.64
61	1,055.49	993.97	930.52	61	71.14	67.29	63.44
62	1,122.78	1,057.41	990.12	62	75.94	72.10	67.29
63	1,193.92	1,124.70	1,053.57	63	80.75	76.90	71.14
64	1,270.82	1,197.76	1,122.78	64	86.52	81.71	75.94
65	1,351.57	1,272.74	1,193.92	65	91.32	86.52	80.75
66	1,491.91	1,405.40	1,318.88	66	100.93	96.13	89.40
67	1,647.64	1,551.51	1,455.38	67	111.51	104.78	98.05
68	1,816.83	1,713.01	1,607.27	68	122.08	115.35	108.63
69	2,005.24	1,889.88	1,774.53	69	134.58	126.89	119.20
70	2,212.88	2,085.99	1,957.17	70	148.04	139.39	130.73
71	2,485.88	2,343.61	2,197.50	71	166.30	156.69	147.08
72	2,789.65	2,630.07	2,468.58	72	187.45	175.92	165.34
73	3,131.86	2,953.07	2,770.42	73	210.52	198.02	185.53
74	3,516.38	3,314.51	3,110.72	74	235.51	222.06	208.60

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

## **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit				Additional \$5 Increments			
loous	Elim	nination Perio	d	loous	Elimination Period		
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	3,947.03	3,720.17	3,491.38	75	264.35	248.97	233.59
76	4,441.13	4,187.35	3,929.73	76	298.00	280.70	263.39
77	4,996.76	4,710.29	4,421.91	77	334.53	315.30	296.08
78	5,621.59	5,300.52	4,975.61	78	376.82	354.71	332.60
79	6,325.25	5,961.88	5,600.44	79	423.93	398.93	373.94
				80	475.84	447.96	420.08
				81	535.44	504.67	472.95
				82	602.73	567.16	532.55
				83	677.71	638.29	598.88
				84	762.30	718.08	673.86
				85	856.50	807.48	757.49
				86	964.17	908.41	852.66
				87	1,084.33	1,022.81	959.36
				88	1,219.87	1,150.66	1,078.56
				89	1,372.71	1,293.89	1,214.10
				90	1,543.82	1,455.38	1,365.98
				91	1,737.04	1,637.07	1,536.13
				92	1,954.29	1,841.82	1,728.39
				93	2,198.46	2,072.53	1,943.72
				94	2,472.42	2,331.11	2,186.92
				95	2 791 06	2 622 29	2 450 02
				95 96	2,781.96	2,622.38 2,950.18	2,459.93 2,767.54
					3,129.94		2,767.54
				97 08	3,520.22	3,319.31	3,113.60
				98	3,960.49	3,733.63	3,502.92
				99	4,455.55	4,200.81	3,940.30

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

## **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit Elimination Period						al \$5 Incremination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	517.17	492.18	465.26	18-44	34.61	33.64	31.72
45-49	613.30	584.46	555.62	45-49	41.34	40.37	37.49
50-54	724.81	694.05	661.36	50-54	49.03	47.10	44.22
55	938.21	892.07	845.93	55	63.44	60.56	57.68
56	999.74	951.67	901.68	56	68.25	65.37	61.52
57	1,065.10	1,013.19	961.28	57	72.10	69.21	65.37
58	1,134.32	1,078.56	1,022.81	58	76.90	73.06	70.17
59	1,207.37	1,149.70	1,090.10	59	81.71	77.86	74.98
60	1,284.28	1,222.75	1,159.31	60	86.52	82.67	78.83
61	1,368.87	1,303.50	1,238.13	61	92.28	88.44	84.59
62	1,457.31	1,388.09	1,318.88	62	98.05	94.21	89.40
63	1,551.51	1,480.38	1,407.32	63	104.78	99.97	95.17
64	1,651.49	1,576.51	1,501.53	64	111.51	106.70	100.93
65	1,757.23	1,678.40	1,599.58	65	118.24	112.47	106.70
66	1,937.95	1,851.43	1,763.00	66	130.73	124.01	118.24
67	2,137.90	2,039.85	1,941.79	67	144.19	137.46	129.77
68	2,357.07	2,247.48	2,137.90	68	158.61	150.92	143.23
69	2,599.31	2,478.19	2,355.15	69	173.99	166.30	158.61
70	2,866.55	2,730.05	2,593.54	70	191.30	182.64	173.99
71	3,206.84	3,054.96	2,901.16	71	214.37	204.75	195.14
72	3,585.59	3,416.40	3,245.30	72	239.36	228.79	218.21
73	4,010.48	3,822.07	3,629.81	73	268.20	255.70	243.20
74	4,485.35	4,273.87	4,060.46	74	299.92	285.50	272.04

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-COLI-4 RIDER: H-IBOR

## **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit					Additional \$5 Increments		
Issue	Elimination Period				EIIN	nination Perio	a
Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
75	5,015.98	4,779.51	4,541.11	75	334.53	319.15	303.77
76	5,644.66	5,377.42	5,110.19	76	376.82	359.52	342.22
77	6,348.32	6,050.32	5,748.48	77	423.93	404.70	384.51
78	7,142.34	6,805.89	6,467.52	78	476.80	454.69	432.58
79	8,034.41	7,657.59	7,276.92	79	536.40	511.40	486.41
				80	602.73	574.85	546.97
				81	678.67	646.94	615.22
				82	763.26	727.69	692.12
				83	858.43	819.01	778.64
				84	966.09	920.91	875.73
				85	1,086.25	1,035.30	984.36
				86	1,222.75	1,165.08	1,107.40
				87	1,375.60	1,311.19	1,245.82
				88	1,546.71	1,474.61	1,401.55
				89	1,740.89	1,659.18	1,577.47
				90	1,958.14	1,865.85	1,774.53
				91	2,202.30	2,099.44	1,995.63
				92	2,478.19	2,361.88	2,245.56
				93	2,787.72	2,656.99	2,526.26
				94	3,135.71	2,988.63	2,841.56
				0.5	0.507.04	2 202 57	0.407.00
				95 06	3,527.91	3,362.57	3,197.23
				96 07	3,969.14	3,782.65	3,596.16
				97	4,465.17	4,255.61	4,046.05
				98	5,022.71	4,787.20	4,551.68
				99	5,650.43	5,386.08	5,120.76

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

## 2-YEAR BENEFIT PERIOD

	\$50 Base Benefit Elimination Period					al \$5 Increm ination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	496.02	469.11	442.19	18-44	34.61	32.68	29.80
45-49	590.23	557.54	522.94	45-49	41.34	38.45	35.57
50-54	699.81	659.44	617.14	50-54	48.06	45.18	42.30
55	872.85	824.78	776.72	55	59.60	55.75	51.91
56	924.76	872.85	820.94	56	63.44	59.60	55.75
57	976.66	922.83	869.00	57	66.33	62.48	58.64
58	1,032.42	974.74	917.07	58	70.17	66.33	61.52
59	1,092.02	1,030.50	968.97	59	74.02	70.17	65.37
60	1,153.54	1,088.17	1,022.81	60	77.86	73.06	68.25
61	1,220.83	1,149.70	1,080.48	61	82.67	77.86	73.06
62	1,290.04	1,215.06	1,140.08	62	87.48	81.71	76.90
63	1,365.02	1,284.28	1,203.53	63	92.28	86.52	81.71
64	1,441.93	1,357.33	1,270.82	64	97.09	91.32	85.55
65	1,524.60	1,432.31	1,340.03	65	101.90	96.13	90.36
66	1,649.56	1,551.51	1,451.54	66	110.55	104.78	98.05
67	1,786.07	1,678.40	1,572.66	67	120.16	113.43	105.74
68	1,930.26	1,816.83	1,701.47	68	129.77	123.04	114.39
69	2,089.83	1,964.87	1,841.82	69	140.35	132.66	124.01
70	2,259.02	2,126.36	1,993.70	70	151.88	143.23	133.62
71	2,480.11	2,334.00	2,187.88	71	167.26	157.65	147.08
72	2,720.43	2,558.94	2,399.37	72	182.64	172.07	161.50
73	2,983.83	2,808.87	2,632.00	73	200.91	188.41	176.88
74	3,272.21	3,079.95	2,887.70	74	220.13	206.68	193.22

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

## **INCREASED INFLATION BENEFITS**

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

## 2-YEAR BENEFIT PERIOD

		) Base Benefi nination Perio	_			nal \$5 Incremination Perio	<del></del>
Issue				Issue			
Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
75	3,589.44	3,377.95	3,166.47	75	240.32	225.90	211.48
76	4,039.32	3,800.92	3,564.44	76	271.08	254.74	238.40
77	4,544.95	4,277.71	4,010.48	77	304.73	286.46	268.20
78	5,114.03	4,812.19	4,512.27	78	342.22	322.03	301.84
79	5,752.32	5,413.95	5,075.58	79	385.47	362.40	339.33
80		6,090.70	5,710.03	80		406.62	380.67
81		6,853.96	6,423.30	81		457.57	428.73
82		7,709.50	7,226.94	82		515.25	482.56
83		8,672.71	8,128.62	83		579.65	543.13
84		9,757.04	9,143.74	84		651.75	610.42

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

## **3-YEAR BENEFIT PERIOD**

la a u a	\$50 Base Benefit Elimination Period sue Issue					nal \$5 Increm ination Perio	
Issue Age	20 Days	60 Days	100 Days	Age	20 Days	60 Days	100 Days
18-44	617.14	580.62	542.16	18-44	42.30	40.37	37.49
45-49	728.65	686.36	640.22	45-49	49.99	48.06	44.22
50-54	857.47	807.48	755.57	50-54	58.64	55.75	51.91
55	1,093.94	1,030.50	965.13	55	73.06	69.21	64.41
56	1,155.46	1,088.17	1,018.96	56	77.86	73.06	68.25
57	1,216.99	1,147.77	1,074.72	57	81.71	77.86	72.10
58	1,284.28	1,209.30	1,132.39	58	86.52	81.71	75.94
59	1,353.49	1,274.66	1,195.84	59	91.32	86.52	80.75
60	1,426.55	1,343.88	1,259.28	60	96.13	90.36	84.59
61	1,507.29	1,418.86	1,330.42	61	101.90	96.13	89.40
62	1,589.96	1,499.60	1,405.40	62	107.66	100.93	94.21
63	1,678.40	1,582.27	1,484.22	63	113.43	106.70	99.97
64	1,770.69	1,670.71	1,568.82	64	120.16	112.47	105.74
65	1,868.74	1,763.00	1,655.33	65	125.93	118.24	110.55
66	2,030.23	1,914.88	1,797.60	66	137.46	128.81	120.16
67	2,203.26	2,078.30	1,951.41	67	149.00	139.39	130.73
68	2,391.68	2,255.17	2,116.75	68	161.50	151.88	141.31
69	2,597.39	2,449.35	2,297.47	69	174.95	164.38	153.81
70	2,818.49	2,656.99	2,493.57	70	189.37	177.84	166.30
71	3,099.18	2,920.38	2,739.66	71	208.60	196.10	183.61
72	3,406.79	3,208.77	3,010.74	72	228.79	215.33	200.91
73	3,743.24	3,525.99	3,306.82	73	250.90	236.48	221.10
74	4,114.30	3,873.98	3,633.65	74	275.89	259.55	243.20
<b>75</b>	4,521.88	4,256.57	3,991.25	75 70	301.84	284.54	266.28
76	5,087.12	4,789.12	4,491.12	76	340.29	320.11	299.92
77	5,723.49	5,388.96	5,052.51	77	382.59	360.48	337.41
78	6,438.68	6,061.86	5,683.11	78	430.66	405.66	379.71
79	7,244.24	6,819.35	6,394.46	79	484.49	455.65	426.81

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

## **5-YEAR BENEFIT PERIOD**

\$50 Base Benefit Elimination Period						al \$5 Incremination Perio	
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days
18-44	822.86	776.72	730.58	18-44	55.75	52.87	49.03
45-49	967.05	913.22	859.39	45-49	66.33	62.48	57.68
50-54	1,132.39	1,070.87	1,007.43	50-54	76.90	72.10	67.29
55	1,455.38	1,372.71	1,288.12	55	98.05	92.28	86.52
56	1,536.13	1,449.62	1,359.26	56	103.82	98.05	91.32
57	1,620.73	1,528.44	1,434.24	57	109.59	102.86	96.13
58	1,711.09	1,613.03	1,513.06	58	115.35	108.63	101.90
59	1,805.29	1,701.47	1,595.73	59	121.12	114.39	107.66
60	1,903.34	1,793.76	1,682.25	60	126.89	120.16	112.47
61	2,007.16	1,891.81	1,774.53	61	134.58	126.89	119.20
62	2,116.75	1,993.70	1,870.66	62	141.31	133.62	124.97
63	2,232.10	2,103.29	1,972.56	63	149.00	141.31	131.70
64	2,353.22	2,216.72	2,080.22	64	157.65	148.04	139.39
65	2,480.11	2,335.92	2,191.73	65	165.34	155.73	146.12
66	2,701.21	2,543.56	2,387.83	66	180.72	170.15	159.57
67	2,939.61	2,770.42	2,599.31	67	197.06	185.53	173.99
68	3,201.08	3,016.51	2,830.02	68	214.37	201.87	189.37
69	3,483.69	3,283.75	3,081.88	69	233.59	220.13	205.71
70	3,791.31	3,574.05	3,354.88	70	253.78	239.36	223.98
71	4,175.82	3,935.50	3,693.25	71	279.73	264.35	247.05
72	4,596.86	4,331.55	4,066.23	72	307.61	290.31	272.04
73	5,062.12	4,767.97	4,473.82	73	338.37	319.15	298.96
74	5,573.53	5,248.61	4,925.62	74	372.98	351.83	329.72
75	6,134.92	5,777.32	5,419.72	75	409.51	386.44	362.40
76	6,902.02	6,500.20	6,098.39	76	461.42	435.46	408.55
77	7,765.25	7,313.45	6,861.65	77	519.09	489.29	459.49
78	8,734.23	8,226.67	7,719.11	78	583.50	550.82	516.21
79	9,826.25	9,255.24	8,684.24	79	656.56	619.07	580.62

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

**INCREASED INFLATION BENEFITS** 

FORM: H-LTC3JP, H-LTC3JP27, et al.

RIDER: H-5AI RIDER: H-IBOR

## **UNLIMITED BENEFIT PERIOD**

\$50 Base Benefit Elimination Period					Additional \$5 Increments Elimination Period			
Issue Age	20 Days	60 Days	100 Days	Issue Age	20 Days	60 Days	100 Days	
18-44	1,061.26	1,013.19	963.21	18-44	71.14	68.25	64.41	
45-49	1,263.13	1,203.53	1,142.01	45-49	84.59	81.71	76.90	
50-54	1,499.60	1,426.55	1,351.57	50-54	99.97	96.13	91.32	
55	1,907.19	1,814.90	1,722.62	55	127.85	122.08	116.32	
56	2,012.93	1,914.88	1,818.75	56	135.54	128.81	123.04	
57	2,122.52	2,020.62	1,916.80	57	143.23	136.50	129.77	
58	2,237.87	2,130.21	2,022.54	58	150.92	144.19	136.50	
59	2,360.91	2,247.48	2,134.05	59	158.61	151.88	144.19	
60	2,487.80	2,368.60	2,249.41	60	167.26	159.57	150.92	
61	2,626.23	2,501.26	2,376.29	61	176.88	169.19	159.57	
62	2,770.42	2,639.69	2,507.03	62	186.49	177.84	169.19	
63	2,922.30	2,785.80	2,647.38	63	197.06	187.45	177.84	
64	3,083.80	2,939.61	2,795.41	64	207.64	198.02	188.41	
65	3,252.99	3,101.10	2,949.22	65	218.21	208.60	198.02	
66	3,533.68	3,368.34	3,203.00	66	237.44	226.86	215.33	
67	3,835.52	3,656.73	3,477.93	67	257.62	246.09	233.59	
68	4,164.28	3,970.10	3,775.92	68	279.73	267.24	253.78	
69	4,521.88	4,310.40	4,100.84	69	303.77	289.35	274.93	
70	4,908.32	4,679.53	4,450.75	70	328.76	313.38	298.00	
71	5,388.96	5,137.10	4,887.17	71	361.44	344.14	327.80	
72	5,915.74	5,640.82	5,363.97	72	396.05	377.78	358.56	
73	6,492.51	6,190.67	5,888.83	73	434.50	414.31	394.13	
74	7,126.96	6,796.28	6,463.68	74	476.80	454.69	431.62	
75	7,822.93	7,459.57	7,094.28	75	521.98	497.95	472.95	
76	8,801.52	8,393.93	7,982.50	76	587.34	560.43	532.55	
77	9,903.15	9,441.73	8,978.39	77	661.36	630.60	598.88	
78	11,141.28	10,622.19	10,101.17	78	743.07	709.43	673.86	
79	12,535.15	11,950.69	11,362.38	79	836.32	797.87	758.45	

Fractional Premiums (expressed as a percent of annual premium)	
Semi-annual Semi-annual	51.0%
Quarterly	26.0%
Monthly Statement Billed & Automatic Premium Deposit	9.0%

SERFF Tracking #: MILL-131718987 State Tracking #: MILL-131718987 Company Tracking #: LTC3+ NQ COMP

Filing Company:

Brighthouse Life Insurance Company

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.002 Non Qualified

Pennsylvania

Product Name: Long-Term Care

State:

**Project Name/Number:** Round 4.1 Filing/145GEC01-70

## **Supporting Document Schedules**

Satisfied - Item:	Transmittal Letter (A&H)
Comments:	
Attachment(s):	CovLtr_LTC3+ NQ Comp_PA_20190226.pdf
Item Status:	
Status Date:	
Bypassed - Item:	Actuarial Certification (A&H)
Bypass Reason:	Not applicable as this is not a form filing.
Attachment(s):	
Item Status:	
Status Date:	
Satisfied - Item:	Actuarial Memorandum and Explanatory Information (A&H)
Comments:	
Attachment(s):	AM_LTC3+ NQ Comp_PA_20190226.pdf Supplement to AM_LTC3+ NQ Comp_PA_20190226.pdf
Item Status:	
Status Date:	
Bypassed - Item:	Advertisements (A&H)
Bypass Reason:	Not applicable as this is not an advertisement filing.
Attachment(s):	
Item Status:	
Status Date:	
Satisfied - Item:	Authorization to File (A&H)
Comments:	
Attachment(s):	2017 Brighthouse Auth Letter_LTC3+ NQ Comp_20190226.pdf
Item Status:	
Status Date:	
Bypassed - Item:	Insert Page Explanation (A&H)
Bypass Reason:	Not applicable as there are no insert pages.
Attachment(s):	
Item Status:	

ERFF Tracking #:	MILL-131/1898/	State Tracking #:	MILL-131718987		Company Tracking #:	LTC3+ NQ COMP	
tate:	Pennsylvania			Filing Company:	Brighthouse Life Ins	surance Company	
OI/Sub-TOI:		l Long Term Care/LTC03I.0	002 Non Qualified				
roduct Name:	Long-Term Care						
roject Name/Number:	Round 4.1 Filing/	/145GEC01-70					
Status Date:							
Satisfied - Item:	R	ate Table (A&H)					
Comments:	Se	ee the Rate/Rule Sch	edule attachments	S			
Attachment(s):							
tem Status:							
Status Date:							
Bypassed - Item:	R	eplacement Form with	n Highlighted Cha	nges (A&H)			
Bypass Reason:	Ne	ot applicable as this is	s not a form filing.				
Attachment(s):							
tem Status:							
Status Date:							
Bypassed - Item:	R	eserve Calculation (A	&H)				
Bypass Reason:	N	ot applicable as this is	s not a form filing.				
Attachment(s):		•••					
tem Status:							
Status Date:							
Bypassed - Item:	Va	ariability Explanation (	(A&H)				
Bypass Reason:		ot applicable as this is	` '				
Attachment(s):		or applicable do line is	2				
tem Status:							
Status Date:							
Satisfied - Item:	N	umerical Data					
Comments:							
Attachment(s):	P	A_Supplement Exhibit	ts LTC3+ NQ Co	mp 20190226.xlst	)		
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Status Date:							
Satisfied - Item:	S	ample Policyholder No	otification Letter				
Comments:							
Attachment(s):	P	olicyholder Notification	n Letter.pdf				
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SERFF Tracking #: MILL-131718987 State Tracking #: MILL-131718987 Company Tracking #: LTC3+ NQ COMP

State: Pennsylvania Filing Company: Brighthouse Life Insurance Company

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.002 Non Qualified

Product Name: Long-Term Care

Project Name/Number: Round 4.1 Filing/145GEC01-70

Attachment PA\_Supplement Exhibits\_LTC3+ NQ Comp\_20190226.xlsb is not a PDF document and cannot be reproduced here.



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milliman.com

H-LTC3JP. et al.

February 26, 2019

Honorable Jessica Altman Insurance Commissioner

Pennsylvania Department of Insurance (Department) 1326 Strawberry Square Harrisburg, Pennsylvania 17120

RE: Brighthouse Life Insurance Company

Company NAIC #87726

SERFF Tracking # MILL-131718987 Policy Forms: Long Term Care

Long Term Care

Annual 5% Compound Benefit Inflation Rider

Cost of Living (CPI) Benefit Inflation Rider

H-LTC3JP27, et al.

H-5AI

H-COLI-4

Cost of Living (CPI) Benefit Inflation Rider H-COLI-4
Increased Benefits Option Rider H-IBOR

#### Dear Commissioner Altman:

Milliman, Inc. has been retained by GNA Corporation to submit the referenced rate filing on behalf of Brighthouse Life Insurance Company for your review. In preparing this rate filing, I relied on data provided to me by Union Fidelity Life Insurance Company (UFLIC), the retrocessionaire on this business, and Genworth Life Insurance Company (Genworth), a reinsurer of this business.

H-LTC3JP, et al. and H-LTC3JP27, et al. are existing individual comprehensive long term care policies of insurance previously approved in 1994. These forms were issued in Pennsylvania from July 1994 through February 1998 and are no longer being marketed in any state. Nationwide, the last policies were issued in 1999.

The company is requesting the approval of a premium rate increase on the above listed forms and all associated riders. The increase is needed due to morbidity and persistency levels which produce lifetime loss ratios in excess of original pricing and the minimum requirement. As noted in the attached actuarial memorandum, five prior increases have been approved and implemented on these forms and associated riders.

- 1. A 14.92% increase, phased in over a two year period, was approved on July 28, 2010 and implemented on each contract's next billing anniversary beginning December 2, 2010.
- 2. A 15.0% increase was approved on February 28, 2014 and implemented on each contract's next billing anniversary beginning July 12, 2014.
- 3. A 15.0% increase was approved on July 21, 2015 and implemented on each contract's next billing anniversary beginning October 17, 2015.
- 4. A 15.0% increase was approved on December 13, 2016 and implemented on each contract's next billing anniversary beginning March 4, 2017.
- 5. On November 15, 2017, the company requested a rate increase of 71.7%. A 10.0% increase was approved on March 6, 2018 and implemented on each contract's next billing anniversary beginning June 2, 2018.

Emerging experience continues to show the need for the full amount requested in the prior filing so the company is requesting a premium rate increase of 56.1% at this time. While a significantly larger rate increase is justified, the company is willing at this time to forgo approximately 90% of the rate increase needed to restore the loss ratio to the original pricing expectation.

#### Offices in Principal Cities Worldwide

This work product was prepared to provide assistance to Genworth and Brighthouse Life Insurance Company. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this work. Milliman recommends Recipient be aided by its own actuary or other qualified professional when reviewing the Milliman work product.



This premium rate increase is needed to reduce the lifetime loss ratio, which far exceeds the original pricing level and the minimum requirements set by state insurance law. The company is seeking approximately equal cumulative premium rate increases across all jurisdictions (except where limited by regulatory restrictions). The company prefers to implement rate increases sooner at the requested level and avoid incrementally larger increases in the future.

Although the company expects to continue to shoulder a significant portion of the rate increase needed on this block, it will continue to monitor experience and reserves the right to request additional rate increases, even if experience does not deteriorate further from the current level.

Similar to the prior increases, the company will offer insureds affected by the premium increase the option of reducing their benefits, where possible, to provide flexibility of choice for those insureds who wish to maintain a premium level reasonably similar to what they were paying prior to the rate increase. There are several options for benefit reductions available to most policyholders (subject to policy and state minimum requirements). Insureds may be able to increase their elimination period, shorten their benefit period, reduce their daily benefit amount, remove or reduce inflation protection, or any combination of these.

For eligible policyholders who do not have a nonforfeiture benefit as part of their policy, the company is making an optional limited benefit available for those who wish to elect a limited paid-up long term care insurance benefit. This option provides a paid-up policy with benefits equal to the total of premiums paid, less any claims paid. While the company is strongly encouraging policyholders to keep or reduce their existing coverage, it believes it is important to provide a comprehensive set of options to policyholders. The optional limited benefit endorsement form MICC OLB 10/07/2013 was previously approved by the Department.

The following electronic items are included in this submission:

- this cover letter:
- a sample policyholder notification letter\*;
- a letter from Brighthouse Life Insurance Company authorizing us to submit this filing on their behalf;
- an actuarial memorandum and rate schedules;
- a supplement to the actuarial memorandum: and
- a Microsoft Excel workbook containing all numerical data.

The required \$100 filing fee will be paid via Electronic Funds Transfer (EFT).

<sup>\*</sup> Please note that in the future, slight variations in letter language may occur that do not materially change the information being provided to the policyholder. As the letter does not require Department approval, we understand that it will not be necessary to file each of these minor variations with the state of Pennsylvania.



The contact person for this filing is:

John Hebig, FSA, MAAA Actuary 8500 Normandale Lake Blvd., Suite 1850 Minneapolis, MN 55437 (952) 820-2488 john.hebig@milliman.com

Thank you for your assistance in reviewing this filing.

Respectfully,

Mike Bergerson, FSA, MAAA Principal and Consulting Actuary

Michael Berguson

MAB/dac

**Enclosures** 

Address: 1209 Orange Street, Wilmington, DE 19801

### **Actuarial Memorandum for the LTC3+ Comprehensive Product**

#### February 2019

Product or Rider
Long Term Care
Long Term Care
Annual 5% Compound Benefit Inflation Rider
Cost of Living (CPI) Benefit Inflation Rider
Increased Benefits Option Rider

Form Number
H-LTC3JP, et al.
H-LTC3JP27, et al.
H-5AI
H-COLI-4
H-IBOR

These policy forms are individual policy forms providing comprehensive long term care coverage. These forms were issued in Pennsylvania from July 1994 through February 1998.

#### 1. Purpose of Filing

This actuarial memorandum has been prepared for the purpose of documenting the rates and demonstrating that the anticipated loss ratio of this product with those rates meets the minimum requirements in the statutes of Pennsylvania. It may not be suitable for other purposes.

#### 2. Description of Benefits

These are individually underwritten policies which pay a daily benefit for Nursing Facility Care, Assisted Living Facility Care, Alzheimer's Facility Care, Hospice Facility Care, Bed Reservation, and Respite Care provided in a Facility setting, Home Health Care, Home Hospice Care, Adult Day Care, and Respite Care provided in a Home or Community Based setting.

Reduced Benefit option pays 80% of expenses up to 50% of the daily benefit amount for Nursing Facility Care. Standard Benefit option pays 80% of expenses up to 100% of the daily benefit amount for Nursing Facility Care. Increased Benefit option pays 100% of expenses up to 100% of the daily benefit amount for Nursing Facility Care.

Elimination periods are generally 20, 60, and 100 days. In some states, a 90 day elimination period also exists. The elimination period applies to all benefits except the Respite Care Benefit, Care Coordination Benefit, and Alternate Plan of Care Benefit. The elimination period must be satisfied in full only once during the life of the contract.

Benefit periods are 2 years, 3 years, 5 years, and unlimited. Benefit eligibility is defined as having a 90-day certification period and not being able to perform at least two of five Activities of Daily Living (ADLs) (dressing, eating, toileting, transferring, and bathing) or cognitive impairment.

The most the company will pay for all services received on one day will be the daily benefit amount for Nursing Facility Care, except for Care Coordination benefits and Alternate Plan of Care benefits, which may be paid in a lump sum.

Premiums will be waived if benefits, other than Respite Care, Care Coordination, or Alternate Plan of Care, are being paid.

A 5% compound and a cost of living (CPI) inflation rider as well as a non-forfeiture rider are available options.

#### 3. Renewability

These policy forms are guaranteed renewable for life.

Address: 1209 Orange Street, Wilmington, DE 19801

#### **Actuarial Memorandum for the LTC3+ Comprehensive Product**

## February 2019

#### 4. Applicability

This filing is applicable to in-force policies only as these policy forms are no longer being sold in the market. The premium changes will apply to the base form and all riders associated with the base form.

#### 5. Actuarial Assumptions

a. Morbidity. In 2015 Genworth Life Insurance Company (Genworth) long-term care (LTC) actuaries undertook a project to develop a completely new and up-to-date set of claim costs to be used for this block of business. Genworth is the administrator and a reinsurer for these policies. The 2015 claim costs were derived from Genworth's 2014 best estimate morbidity assumptions used for older blocks of Genworth LTC business that correlate to the Brighthouse Life Insurance Company policy forms.

In 2017 the morbidity assumption changed materially as new claim costs were developed. The 2017 claim costs addressed several issues discovered in relation to the development of the 2015 claim costs. The 2017 claim costs also relied more heavily on the experience of this block of business, rather than that of Genworth in the development of the initial claim costs.

The 2017 claim costs were developed in two high-level phases. The first step was the development of initial claim costs using Genworth's Claim Cost Generator (CCG). The second step involved fitting of the initial claim costs to the historical experience for this block of business.

Genworth's CCG reflects four assumptions in the development of the initial claim costs: claim incidence rates, claim continuance, benefit utilization rates, and claim situs mix. The basis of the assumptions for the CCG is now based on this block of business to the extent available and credible. Once the initial claim costs were developed, adjustments for gender, benefit period and attained age, product generation, and marital status and attained age, were made to the claim costs. After the adjustments were made to the initial claim costs, the final claim costs were back-tested to validate the claim costs provided a good fit to the historical experience.

A cumulative 2.0% increase in morbidity is assumed due to adverse selection from the rate increase.

 Termination Rates. Historical termination rates are based on actual experience of these policy forms

Future voluntary lapse rates vary by duration as developed from actual experience through December 31, 2016, including runout through June 30, 2017, and are shown in the following table:

Address: 1209 Orange Street, Wilmington, DE 19801

### **Actuarial Memorandum for the LTC3+ Comprehensive Product**

## February 2019

**Voluntary Lapse Rates** 

Policy Duration	Lapse Rate
1	6.0%
2	4.0%
3	2.5%
4	1.5%
5	1.3%
6	1.1%
7	1.0%
8+	0.8%

A benefit exhaustion rate assumption, varying by benefit period, is applied to policies with nonlifetime benefit periods additively in conjunction with the lapse assumption. The benefit exhaustion assumption also includes voluntary lapsation in excess of the ultimate lapse assumption of 0.8% for policies with non-lifetime benefit periods. These additional lapses flow through the benefit exhaustion assumption at attained ages 77 and later.

Policies with benefit periods less than 4 years have been mapped to the 3-year benefit period assumption while all other non-lifetime policies have been mapped to the 5-year benefit period assumption. The benefit exhaustion assumption is not applicable to policies with a lifetime benefit period. Benefit exhaustion rates were developed from actual experience through December 31, 2016, including runout through June 30, 2017, and are shown in the following table:

## **Assumed Benefit Exhaustion Rates**

Attained Age	3-year Assumed Rates	5-year Assumed Rates	Attained Age	3-year Assumed Rates	5-year Assumed Rates
< 67	0.000%	0.000%	84	1.101%	0.667%
67	0.019%	0.006%	85	1.330%	0.806%
68	0.023%	0.008%	86	1.603%	0.971%
69	0.028%	0.010%	87	1.928%	1.168%
70	0.035%	0.013%	88	2.319%	1.405%
71	0.043%	0.016%	89	2.792%	1.684%
72	0.053%	0.021%	90	3.364%	2.013%
73	0.065%	0.026%	91	3.869%	2.394%
74	0.081%	0.033%	92	4.908%	2.835%
75	0.099%	0.042%	93	5.534%	3.336%
76	0.123%	0.053%	94	6.250%	3.909%
77	0.152%	0.069%	95	7.060%	4.552%
78	0.232%	0.131%	96	7.977%	5.287%
79	0.320%	0.198%	97	9.011%	6.107%
80	0.418%	0.272%	98	10.143%	6.999%
81	0.576%	0.353%	99	11.433%	8.001%
82	0.713%	0.444%	100	12.903%	9.134%
83	0.872%	0.547%	101+	12.903%	9.134%

Address: 1209 Orange Street, Wilmington, DE 19801

#### **Actuarial Memorandum for the LTC3+ Comprehensive Product**

## February 2019

In the year of rate increase implementation, an additional 2.2% of in-force policyholders are assumed to lapse, and a 5.6% reduction in premium and claims is expected due to the election of reduced benefits.

Future mortality is assumed to follow a mortality table based on the experience of the Brighthouse Life Insurance Company policy forms. Where experience was limited at advanced ages, mortality was based on the 2012 Individual Annuitant Mortality (IAM) table. Specifically, the company experience was blended into the 2012 IAM table for ages 89 and older with an assumed terminal age of 115. The assumed mortality rates are shown in the following table:

#### Mortality Rates per 1000 Lives

Mortanty Nates per 1000 Lives								
Attained Age	Male Mortality Rate	Female Mortality Rate	Attained Age	Male Mortality Rate	Female Mortality Rate	Attained Age	Male Mortality Rate	Female Mortality Rate
< 51	3.20	1.24	72	12.61	9.75	94	203.70	145.52
51	3.40	1.38	73	16.34	11.51	95	221.28	162.72
52	3.42	1.51	74	18.26	12.17	96	232.40	182.12
53	3.51	1.65	75	20.12	14.77	97	249.35	199.66
54	3.52	1.78	76	23.82	16.17	98	266.09	217.95
55	3.53	1.92	77	27.46	18.98	99	282.39	236.83
56	3.63	2.05	78	30.28	21.62	100	298.45	256.36
57	3.73	2.18	79	36.10	24.93	101	323.61	283.80
58	4.40	2.25	80	40.73	26.75	102	344.19	304.72
59	5.07	2.31	81	47.29	32.90	103	364.63	325.82
60	5.21	2.81	82	53.47	38.29	104	384.78	346.94
61	5.36	2.85	83	59.66	43.48	105	400.00	367.90
62	5.50	3.07	84	71.28	50.74	106	400.00	387.61
63	5.65	3.60	85	80.75	55.97	107	400.00	400.00
64	5.79	4.01	86	91.15	61.48	108	400.00	400.00
65	5.80	4.63	87	103.80	73.75	109	400.00	400.00
66	6.26	5.50	88	116.63	84.97	110	400.00	400.00
67	6.94	5.66	89	128.59	91.58	111	400.00	400.00
68	8.60	6.04	90	140.55	98.20	112	400.00	400.00
69	10.25	6.99	91	155.27	108.32	113	400.00	400.00
70	11.25	7.97	92	170.70	119.19	114	400.00	400.00
71	11.14	8.95	93	186.83	131.33	115+	1,000.00	1,000.00

c. <u>Expenses</u>. Expenses have not been explicitly projected. It is assumed that the originally filed expense assumptions remain appropriate.

The above assumptions are based on actual experience of the policies in-force under these policy forms and general experience of the reinsurer and are deemed reasonable for these particular policies. Exhibit I provides justification for the assumptions used in this filing.

Exhibit II provides an analysis of actual and projected nationwide experience with respect to changes in morbidity, mortality, lapse, and interest and how changing each assumption from original pricing to current impacts the projected lifetime loss ratio.

Exhibit III provides a comparison of the current and original pricing assumptions used to project the values in Exhibit II.

Address: 1209 Orange Street, Wilmington, DE 19801

#### **Actuarial Memorandum for the LTC3+ Comprehensive Product**

## February 2019

### 6. Marketing Method

These policy forms were marketed by agents as well as through various subsidiaries of Citigroup.

#### 7. Underwriting Description

These policy forms were fully underwritten with the use of various underwriting tools in addition to the application, which may have included medical records, an attending physician's statement, telephone interview and/or face-to-face assessment.

#### 8. Premiums

Premiums are unisex, level and payable for life. The premiums vary by issue age, elimination period, benefit period, initial daily benefit, level of community-based care benefits, and inflation protection option.

#### 9. Issue Age Range

Elimination periods of 20, 60, 100, and in some states 90 days are available for issue ages 18 to 79. Only the 60, 90, and 100 day elimination periods of the 2-year benefit period are available for issue ages 80 through 84.

#### 10. Area Factors

Area factors are not used for this product.

#### 11. Premium Modalization Rules

The following modal factors and nationwide percent distributions (based on in-force count as of 12/31/2017) are applied to the annual premium (AP):

Premium Mode	Modal Factors	Percent Distribution
Annual	1.00*AP	48.5%
Semi-Annual	0.51*AP	19.4%
Quarterly	0.26*AP	6.4%
Monthly	0.09*AP	25.7%

#### 12. Reserves

Active life reserves have not been used in this rate increase analysis, except as described in the supplement to the actuarial memorandum. Claim reserves as of December 31, 2017 have been discounted to the incurred date of each respective claim and included in historical incurred claims. Incurred but not reported balances as of December 31, 2017 have been allocated to a calendar year of incurred and included in historic incurred claims.

#### 13. Trend Assumptions

As this is not medical insurance, we have not included any explicit medical cost trends in the projections.

Address: 1209 Orange Street, Wilmington, DE 19801

#### **Actuarial Memorandum for the LTC3+ Comprehensive Product**

## February 2019

#### 14. Past and Future Policy Experience

Nationwide experience for these policy forms is shown in Exhibit IV. The experience and projections in Exhibit IV have been restated to reflect the rate level approved in Pennsylvania on a nationwide basis as described in Section 16.

The company has chosen a credibility standard of 1,082 claims. Based on this parameter, Pennsylvania-specific experience for the above-referenced forms is not considered fully credible.

Historical experience is shown by claim incurral year with the loss ratio for each loss year calculated, with and without interest, as historical incurred claims divided by earned premium.

Historical incurred claims are calculated each year as the sum of discounted claim payments and discounted claim and IBNR reserves held as of the valuation date. Claim payments, claim reserves, and IBNR reserves are discounted back to the incurral date using a 4.5% interest rate.

A future annual loss ratio is calculated, with and without interest, as anticipated incurred claims divided by earned premiums.

A lifetime loss ratio as of 12/31/2017 is calculated as the sum of accumulated past and discounted future claims divided by the sum of accumulated past and discounted future earned premium. Historical values are accumulated with interest using an interest rate of 4.5% from inception through 2014 and 4.0% for 2015 through 2017. Future values are discounted using an interest rate of 4.0%.

#### 15. Projected Earned Premiums and Incurred Claims

Exhibit IV contains lifetime projections of earned premium and incurred claims based on the current premiums and the filed premium rate schedule increase. Earned premiums and incurred claims for projection years 2018 through 2057 are developed from an asset share model representing actual contracts in-force as of December 31, 2017. The assumptions described above for morbidity, voluntary lapse and mortality are used to project life years, earned premiums and incurred claims. The projections reflecting the rate increase assume that the increase is effective on each policy's first anniversary on or after January 1, 2019, but no sooner than 12 months after the prior rate increase was effective.

#### 16. History of Previous Rate Revisions

Five prior rate increases have been approved and implemented on these policy forms and associated riders.

- 1. A 14.92% increase, phased in over a two year period, was approved on July 28, 2010 and implemented on each contract's next billing anniversary beginning December 2, 2010.
- 2. A 15.0% increase was approved on February 28, 2014 and implemented on each contract's next billing anniversary beginning July 12, 2014.
- 3. A 15.0% increase was approved on July 21, 2015 and implemented on each contract's next billing anniversary beginning October 17, 2015.
- 4. A 15.0% increase was approved on December 13, 2016 and implemented on each contract's next billing anniversary beginning March 4, 2017.
- A 10.0% increase was approved on March 6, 2018 and implemented on each contract's next billing anniversary beginning June 2, 2018.

The experience and projections in Exhibit IV have been restated to reflect the rate level approved in Pennsylvania on a nationwide basis. The restated nationwide projections assume the previously approved rate increases in Pennsylvania were implemented on each policy's first anniversary on or after the effective dates of the prior rate increases in Pennsylvania.

Address: 1209 Orange Street, Wilmington, DE 19801

#### **Actuarial Memorandum for the LTC3+ Comprehensive Product**

#### February 2019

Exhibit V provides a nationwide status listing of the current and all prior rate increase filings for each jurisdiction in which these policy forms are in force. Exhibit V is also being provided in Excel as generally requested.

#### 17. Requested Rate Increase and Demonstration of Satisfaction of Loss Ratio Requirements

On November 15, 2017, the company requested a rate increase of 71.7%. A 10.0% increase was approved on March 6, 2018 and implemented on each contract's next billing anniversary beginning June 2, 2018. Emerging experience continues to show the need for the full amount requested in the prior filing so the company is requesting a premium rate increase of 56.1% at this time. While a significantly larger rate increase is justified, the company is willing at this time to forgo approximately 90% of the rate increase needed to restore the loss ratio to the original pricing expectation.

This premium rate increase is needed to reduce the lifetime loss ratio, which far exceeds the original pricing level and the minimum requirements set by state insurance law. The company is seeking approximately equal cumulative premium rate increases across all jurisdictions (except where limited by regulatory restrictions). The company prefers to implement rate increases sooner at the requested level and avoid incrementally larger increases in the future.

Although the company expects to continue to shoulder a significant portion of the rate increase needed on this block, it will continue to monitor experience and reserves the right to request additional rate increases, even if experience does not deteriorate further from the current level.

Projected experience assuming this increase is implemented is shown in Exhibit IV. As shown in Exhibit IV, the expected lifetime loss ratio with and without the requested rate increase exceeds the minimum loss ratio of 60.0%.

Current rate tables and rate tables reflecting the 56.1% proposed increase are enclosed with this filing. The actual rates implemented may vary slightly from those in the rate tables due to rounding in the implementation algorithm.

#### 18. Pennsylvania Average Annual Premium (Annual Premium Based on 2017 In-force)

Before increase: \$3,001 After increase: \$4.685

### 19. Proposed Effective Date

The rate increase will apply to policies on their billing anniversary date following at least a 60-day policyholder notification period following approval, but no sooner than 12 months after the prior rate increase was effective.

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## **Actuarial Memorandum for the LTC3+ Comprehensive Product**

## February 2019

## 20. Nationwide Distribution of Business as of 12/31/2017 (based on in-force count)

By Issue Age:

Issue Ages	Percent Distribution
< 48	3.5%
48 - 52	8.5%
53 - 57	16.5%
58 - 62	26.6%
63 - 67	30.1%
68 - 72	12.6%
73 +	2.2%

#### By Elimination Period:

Elimination Period	Percent Distribution
20-day	41.7%
60-day	15.9%
90-day	2.0%
100-day	40.4%

#### By Benefit Period:

Benefit Period	Percent Distribution
2-Year	5.1%
3-Year	28.9%
5-Year	31.5%
Unlimited	34.5%

### By Inflation Protection Option:

Inflation Option	Percent Distribution
None	12.0%
Compound	47.8%
CPI	40.2%

## By Home Care (HC) Daily Benefit:

HC Benefit Option	Percent Distribution
Reduced	11.8%
Standard	39.7%
Increased	48.5%

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## **Actuarial Memorandum for the LTC3+ Comprehensive Product**

## February 2019

## 21. Number of Policyholders

As of 12/31/2017, the number of policies in-force and annualized premium in the state and nationwide are:

	Number of Insured	Annual Premium* based on 2017 In-force
Pennsylvania	691	\$2,073,715
Nationwide	16,265	\$61,104,015

<sup>\*</sup>Annualized premiums reflect all prior rate increases approved prior to April 17, 2018.

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### **Actuarial Memorandum for the LTC3+ Comprehensive Product**

## February 2019

#### 22. Actuarial Certification

I am a Principal and Consulting Actuary for Milliman, Inc. and have been retained by GNA Corporation to prepare this memorandum on behalf of Brighthouse Life Insurance Company. I am a Fellow of the Society of Actuaries and a member of the American Academy of Actuaries. I meet the Academy's qualification standards to render this actuarial opinion and am familiar with the requirements for filing long-term care insurance premium and rate increases. This memorandum has been prepared for the sole purpose stated, and it may not be appropriate for other purposes.

I believe this rate filing is in compliance with the applicable laws of the State of Pennsylvania and with the rules of the Department. This memorandum has been prepared in conformity with all applicable Actuarial Standards of Practice, including ASOP No. 8 and 18.

I hereby certify that, to the best of my knowledge and judgment, this rate submission is in compliance with the applicable laws and regulations of the state where it is filed. In my opinion, the actuarial assumptions are appropriate and the rates are not excessive or unfairly discriminatory. Furthermore, the gross premiums bear reasonable relationship to the benefits, based on the lifetime loss ratio exceeding the minimum loss ratio requirement.

In preparing this actuarial memorandum, I relied on data and assumptions provided to me by Union Fidelity Life Insurance Company, the retrocessionaire on this business, and Genworth, a reinsurer of this business. I did not audit this information but did review it for reasonableness and for consistency with the intended purpose. To the extent that this information is incomplete or inaccurate the contents of this memorandum may be materially affected.

Mike Bergerson, FSA, MAAA

Principal and Consulting Actuary, Milliman, Inc.

Date: February 26, 2019

#### **Voluntary Lapse**

The voluntary lapse assumption for this policy form was developed from experience on all of Brighthouse Life Insurance Company's individual long-term care (LTC) policy forms combined.

Table 1 below provides a comparison of the actual voluntary lapse rates for all individual LTC policy forms combined through December 2016, including runout through June 2017, and the currently assumed voluntary lapse rates for this policy form.

Table 1
Actual and Assumed Voluntary Lapse Rates
Using Experience through December 2016

Duration	Actual Lapse Rates	Currently Assumed Lapse Rates
1	6.0%	6.0%
2	4.1%	4.0%
3	2.4%	2.5%
4	1.6%	1.5%
5	1.2%	1.3%
6	1.0%	1.1%
7	0.9%	1.0%
8 +	0.8%	0.8%

Table 2 below provides the benefit exhaustion rate assumption. This assumption which was embedded in the voluntary lapse assumption prior to 2014 is now split out as a separate assumption. This assumption, varying by benefit period, is applied to policies with non-lifetime benefit periods additively in conjunction with the lapse assumption. The benefit exhaustion assumption also includes voluntary lapsation in excess of the ultimate lapse assumption of 0.8% for policies with non-lifetime benefit periods. These additional lapses flow through the benefit exhaustion assumption at attained ages 77 and later.

Policies with benefit periods less than 4 years have been mapped to the 3-year benefit period assumption while all other non-lifetime policies have been mapped to the 5-year benefit period assumption. The benefit exhaustion assumption is not applicable to policies with a lifetime benefit period. The assumption is based on actual benefit exhaustion experience for all individual LTC policy forms combined through December 2016, including runout through June 2017.

Table 2
Assumed Benefit Exhaustion Rates
Using Experience through December 2016

Attained Age	3-year Assumed Rates	5-year Assumed Rates	Attained Age	3-year Assumed Rates	5-year Assumed Rates
< 67	0.000%	0.000%	84	1.101%	0.667%
67	0.019%	0.006%	85	1.330%	0.806%
68	0.023%	0.008%	86	1.603%	0.971%
69	0.028%	0.010%	87	1.928%	1.168%
70	0.035%	0.013%	88	2.319%	1.405%
71	0.043%	0.016%	89	2.792%	1.684%
72	0.053%	0.021%	90	3.364%	2.013%
73	0.065%	0.026%	91	3.869%	2.394%
74	0.081%	0.033%	92	4.908%	2.835%
75	0.099%	0.042%	93	5.534%	3.336%
76	0.123%	0.053%	94	6.250%	3.909%
77	0.152%	0.069%	95	7.060%	4.552%
78	0.232%	0.131%	96	7.977%	5.287%
79	0.320%	0.198%	97	9.011%	6.107%
80	0.418%	0.272%	98	10.143%	6.999%
81	0.576%	0.353%	99	11.433%	8.001%
82	0.713%	0.444%	100	12.903%	9.134%
83	0.872%	0.547%	101+	12.903%	9.134%

In the year of rate increase implementation, additional in-force policyholders are assumed to lapse, and a reduction in premium and claims is expected due to the election of reduced benefits. These assumptions are loosely based on data from prior rate increase requests as well as actuarial judgment.

#### Mortality

The mortality assumption for this policy form was developed from experience on all of the company's individual LTC policy forms combined.

Future mortality is assumed to follow a mortality table based on the experience of the Brighthouse Life Insurance Company policy forms. Where experience was limited at advanced ages, mortality was based on the 2012 Individual Annuitant Mortality (IAM) table. Specifically, the company experience was blended into the 2012 IAM table for ages 89 and older with an assumed terminal age of 115. The assumed mortality rates per 1000 lives are shown in Table 3 below.

Table 3
Mortality Rates per 1000 Lives

Attained	nined Mortality Rates Attained Mortality Rates			ity Rates	Attained	Mortal	Mortality Rates	
Age	Male	Female	Age	Male	Female	Age	Male	Female
< 51	3.20	1.24	72	12.61	9.75	94	203.70	145.52
51	3.40	1.38	73	16.34	11.51	95	221.28	162.72
52	3.42	1.51	74	18.26	12.17	96	232.40	182.12
53	3.51	1.65	75	20.12	14.77	97	249.35	199.66
54	3.52	1.78	76	23.82	16.17	98	266.09	217.95
55	3.53	1.92	77	27.46	18.98	99	282.39	236.83
56	3.63	2.05	78	30.28	21.62	100	298.45	256.36
57	3.73	2.18	79	36.10	24.93	101	323.61	283.80
58	4.40	2.25	80	40.73	26.75	102	344.19	304.72
59	5.07	2.31	81	47.29	32.90	103	364.63	325.82
60	5.21	2.81	82	53.47	38.29	104	384.78	346.94
61	5.36	2.85	83	59.66	43.48	105	400.00	367.90
62	5.50	3.07	84	71.28	50.74	106	400.00	387.61
63	5.65	3.60	85	80.75	55.97	107	400.00	400.00
64	5.79	4.01	86	91.15	61.48	108	400.00	400.00
65	5.80	4.63	87	103.80	73.75	109	400.00	400.00
66	6.26	5.50	88	116.63	84.97	110	400.00	400.00
67	6.94	5.66	89	128.59	91.58	111	400.00	400.00
68	8.60	6.04	90	140.55	98.20	112	400.00	400.00
69	10.25	6.99	91	155.27	108.32	113	400.00	400.00
70	11.25	7.97	92	170.70	119.19	114	400.00	400.00
71	11.14	8.95	93	186.83	131.33	115+	1,000.00	1,000.00

#### **Morbidity**

In 2015 Genworth Life Insurance Company (Genworth) long-term care (LTC) actuaries undertook a project to develop a completely new and up-to-date set of claim costs to be used for this block of business. Genworth is the administrator and a reinsurer for these policies. The 2015 claim costs were derived from Genworth's 2014 best estimate morbidity assumptions used for older blocks of Genworth LTC business that correlate to the Brighthouse Life Insurance Company policy forms.

In 2017 the morbidity assumption changed materially as new claim costs were developed. The 2017 claim costs addressed several issues discovered in relation to the development of the 2015 claim costs. The 2017 claim costs also relied more heavily on the experience of this block of business, rather than that of Genworth in the development of the initial claim costs.

The 2017 claim costs were developed in two high-level phases. The first step was the development of initial claim costs using Genworth's Claim Cost Generator (CCG). The second step involved fitting of the initial claim costs to the historical experience for this block of business.

Genworth's CCG reflects four assumptions in the development of the initial claim costs: claim incidence rates, claim continuance, benefit utilization rates, and claim situs mix. The basis of the assumptions for the CCG is now based on this block of business to the extent available and credible. Once the initial claim costs were developed, adjustments for gender, benefit period and attained age, product generation, and marital status and attained age, were made to the claim costs. After the adjustments were made to the initial claim costs, the final claim costs were back-tested to validate the claim costs provided a good fit to the historical experience.

Table 4 below provides a projection of historical experience using the current morbidity assumption compared to actual historical experience for this policy form and other similar policy forms sold during the same issue era. As seen in this table, the assumption validates reasonably well to emerging experience. The incurred claim validation for only durations ten and later for this policy form and other similar policy forms in Table 4 is 99.3% demonstrating that the current morbidity assumption has fit recent experience very well. Actual experience in early durations included the effects of selection, which the current morbidity assumption did not attempt to capture, thus resulting in lower actual to model validation ratios for earlier durations.

Table 4
Nationwide Historical Actual-to-Model Incurred Claim Projection Results (in 000's)

			red Claim Projection Results (in 000 s)			
				Cumulative	Cumulative	Cumulative
	Actual	Model	Actual	Actual	Model	Actual
Policy	Incurred	Incurred	To	Incurred	Incurred	То
Duration	Claims	Claims	Model	Claims	Claims	Model
1	9,648	51,675	18.7%	9,648	51,675	18.7%
2	17,535	55,351	31.7%	27,183	107,026	25.4%
3	26,320	60,818	43.3%	53,503	167,844	31.9%
4	35,267	67,933	51.9%	88,769	235,777	37.6%
5	48,799	76,617	63.7%	137,568	312,394	44.0%
6	60,246	86,689	69.5%	197,814	399,083	49.6%
7	75,361	98,092	76.8%	273,175	497,175	54.9%
8	88,113	111,241	79.2%	361,288	608,417	59.4%
9	106,973	125,945	84.9%	468,261	734,362	63.8%
10	126,688	142,068	89.2%	594,948	876,430	67.9%
11	144,195	160,168	90.0%	739,143	1,036,598	71.3%
12	164,789	179,768	91.7%	903,932	1,216,365	74.3%
13	192,175	200,807	95.7%	1,096,107	1,417,173	77.3%
14	214,148	222,604	96.2%	1,310,254	1,639,776	79.9%
15	249,633	244,406	102.1%	1,559,887	1,884,182	82.8%
16	268,017	266,479	100.6%	1,827,904	2,150,661	85.0%
17	301,847	288,629	104.6%	2,129,751	2,439,290	87.3%
18	300,400	290,679	103.3%	2,430,151	2,729,969	89.0%
19	266,281	259,115	102.8%	2,696,432	2,989,084	90.2%
20	218,954	208,981	104.8%	2,915,386	3,198,065	91.2%
21	146,872	150,846	97.4%	3,062,258	3,348,911	91.4%
22	84,526	80,087	105.5%	3,146,784	3,428,998	91.8%
23	25,440	27,944	91.0%	3,172,224	3,456,942	91.8%
24	1,155	2,946	39.2%	3,173,379	3,459,889	91.7%
Total	3,173,382	3,459,888	91.7%	3,173,379	3,459,889	91.7%
10+	2,705,120	2,725,527	99.3%	2,705,118	2,725,527	99.3%

Exhibit I-a provides an analysis of the loss ratios using three-year groupings of the before increase values with experience restated to the originally filed rate level. The use of three-year groupings and restating of earned premium to the original rate level smooths the historical and projected loss ratios and aids in identifying the trend in claim experience. As seen in Exhibit I-a, the annualized trend in loss ratios is reasonably consistent from the historical to projection periods.

#### **Interest Rate**

The company has provided actual historical earned rates on the assets backing its LTC products in Table 5 below. Actual earned rates are unavailable prior to 2004. The historical earned rates are net of investment expenses and default risk and are provided on both a pre-tax and post-tax basis.

Table 5
Historical Earned Investment Rates
Net of Investment Expenses and Default Risk

Calendar Year	Pre-Tax Rates	Post-Tax Rates
2004	6.19%	4.17%
2005	6.17%	4.16%
2006	6.38%	4.30%
2007	6.02%	4.06%
2008	5.14%	4.04%
2009	5.12%	4.03%
2010	5.92%	4.04%
2011	5.93%	4.05%
2012	5.77%	3.95%
2013	5.68%	3.89%
2014	5.56%	3.81%
2015	5.26%	3.61%
2016	5.22%	3.57%
2017	5.30%	3.45%

A 4.5% interest rate assumption had been used for this block of business. However, based on the continued low interest rate environment, the company has revised its interest rate assumption to be 4.5% for historical years through 2014 and 4.0% for years 2015 and later (including all projection years). This assumption, like all assumptions, will continue to be monitored and updates will be made as the interest rate environment changes.

#### **Expenses**

Expenses have not been reflected in the projections for this filing. It is assumed that the originally filed expense assumptions remain appropriate.

## Exhibit I-a

#### Brighthouse Life Insurance Company

## Nationwide Three-Year Average Experience Projections Restated to the Original Rate Level with No Increase LTC3+ Comprehensive Policy Form

		Loss Ratio Demonstration with Interest							Г	
	Calendar Year Values				3-Year Totals			Analysis		
	Calendar Year	Earned	Incurred	Loss Ratio	Earned Premium	Incurred	Loss	3-Year Trend	Annualized Trend	
	1993	Premium 339	Claims 0	0.0%	Fleillium	Claims	Ratio	rrend	Henu	
	1994	3,945,903	0	0.0%						
	1995	34,985,134	2,266,573	6.5%	133,215,735	7,656,216	5.7%			
	1996	94,284,697	5,389,643	5.7%	100,210,100	1,000,210	J., 70			
	1997	139,561,006	25,585,044	18.3%						
	1998	137,769,424	22,369,416	16.2%	409,674,961	80,456,581	19.6%	3.42	1.5	
Historical	1999	132,344,531	32,502,120	24.6%	,,					
Experience	2000	124,112,636	38,404,592	30.9%						
	2001	117,564,362	51,628,232	43.9%	352,904,686	147,174,498	41.7%	2.12	1.2	
	2002	111,227,687	57,141,673	51.4%						
	2003	104,817,319	64,287,887	61.3%						
	2004	98,429,813	75,494,600	76.7%	294,269,799	220,546,153	74.9%	1.80	1.2	
	2005	91,022,667	80,763,667	88.7%						
	2006	84,601,813	81,326,095	96.1%						
	2007	79,603,765	91,240,113	114.6%	238,920,044	282,734,084	118.3%	1.58	1.1	
	2008	74,714,466	110,167,876	147.5%						
	2009	69,923,619	115,351,262	165.0%						
	2010	64,989,072	129,986,509	200.0%	193,497,951	375,060,929	193.8%	1.64	1.1	
	2011	58,585,260	129,723,158	221.4%						
	2012	53,327,364	147,291,708	276.2%						
	2013	48,906,941	155,014,039	317.0%	146,477,808	445,994,694	304.5%	1.57	1.1	
	2014	44,243,503	143,688,948	324.8%						
	2015	39,067,310	142,524,975	364.8%						
	2016	34,344,224	137,032,089	399.0%	103,523,008	419,023,313	404.8%	1.33	1.1	
	2017	30,111,474	139,466,250	463.2%						
	2018	26,637,160	123,678,162	464.3%						
	2019	23,159,244	120,247,077	519.2%	69,805,903	359,831,903	515.5%	1.27	1.0	
Projected	2020	20,009,499	115,906,664	579.3%						
Future	2021	17,179,948	110,771,035	644.8%						
Experience	2022	14,658,601	104,990,506	716.2%	44,267,920	314,458,062	710.4%	1.38	1.	
	2023	12,429,371	98,696,521	794.1%						
	2024	10,473,891	92,002,609	878.4%						
	2025	8,772,375	85,175,012	970.9%	26,549,798	255,523,609	962.4%	1.35	1.	
	2026	7,303,532	78,345,989	1072.7%						
	2027	6,045,155	71,557,925	1183.7%						
	2028	4,975,190	64,931,125	1305.1%	15,092,359	195,092,379	1292.7%	1.34	1.	
	2029	4,072,014	58,603,329	1439.2%						
	2030	3,314,874	52,566,754	1585.8%						
	2031	2,684,325	46,835,451	1744.8%	8,161,788	140,925,618	1726.7%	1.34	1.	
	2032	2,162,590	41,523,413	1920.1%						
	2033	1,733,686	36,620,781	2112.3%						
	2034	1,383,221	32,110,733	2321.4%	4,215,261	96,706,027	2294.2%	1.33	1.	
	2035	1,098,354	27,974,514	2546.9%						
	2036	867,984	24,191,328	2787.1%						
	2037	682,613	20,813,516	3049.1%	2,084,789	62,826,452	3013.6%	1.31	1.	
	2038	534,192	17,821,607	3336.2%						
	2039	415,907	15,150,805	3642.8%						
	2040	322,062	12,778,025	3967.6%	985,932	38,613,219	3916.4%	1.30	1.	
	2041	247,963	10,684,388	4308.9%						
	2042	189,754	8,854,505	4666.3%						
	2043	144,274	7,285,635	5049.9%	442,971	22,094,765	4987.9%	1.27	1.	
	2044	108,943	5,954,625	5465.8%		<u> </u>				
	2045	81,674	4,820,092	5901.6%			İ			
	2046	60,784	3,861,321	6352.5%	187,359	11,744,780	6268.6%	1.26	1.	
	2047	44,901	3,063,367	6822.5%	,	. ,		ŕ		
	2048	32,916	2,399,890	7290.9%			j			
	2049	23,944	1,865,252	7790.0%	74,143	5,706,449	7696.5%	1.23	1.	
	2050	17,283	1,441,308	8339.4%		. ,				
	2051	12,379	1,103,324	8912.6%			İ			
	2052	8,802	837,528	9514.8%	27,395	2,571,407	9386.4%	1.22	1.	
	2053	6,213	630,556	10148.6%	,3	,- ,		•		
	2054	4,355	469,166	10774.2%						
	2055	3,031	344,151	11352.7%	9,483	1,064,488	11225.7%	1.20	1.	
	2056	2,097	251,171	11979.7%	5,400	.,00.,400		1.20		
	2057	1,441	181,084	12570.2%						
		.,	.0.,001							
	Past	1,872,484,330	1,978,646,468	105.7%						
	Future	171,906,543	1,507,340,242	876.8%						

# Exhibit II Brighthouse Life Insurance Company Nationwide Experience Impact on the Lifetime Loss Ratio of Changing from Original Pricing to Current Assumptions

The following table provides the isolated impact of each changed assumption (current versus original pricing) on the projected lifetime loss ratio when actual historical experience and rate history is reflected and only the projection assumptions vary. All of the lifetime loss ratios in the table below reflect actual historical experience, except for the loss ratio calculated using the original pricing assumptions from inception.

This table also shows the rate increase needed to produce a lifetime loss ratio of 89.2%. This lifetime loss ratio represents the maximum of the lifetime loss ratio based on (a) original pricing assumptions from inception and (b) historical experience and projections with original pricing assumptions.

Please note that the lifetime loss ratio for each changed assumption does not reflect any synergy of the assumptions. As a result, the total impact of all current assumptions on the lifetime loss ratio (e.g. 53.6%) is not equal to the sum of each changed assumptions' impact on the lifetime loss ratio (e.g. 30.7% = 7.5% + 5.0% + 1.2% + 17.0%).

#### LTC3+ Comprehensive Policy Form

Scenario	Lifetime Loss Ratio	Impact of Each Assumption on the Lifetime Loss Ratio	Increase Needed to Produce a Lifetime Loss Ratio of 89.2%*	
Original Pricing Assumptions	46.6%	N/A	N/A	
Historical Experience & Projections				
with Original Pricing Assumptions	89.2%	N/A	0.0%	
Historical Experience & Projections				
with Original Pricing Assumptions				
except for Current:				
Morbidity	96.7%	7.5%	181.6%	
Mortality	94.2%	5.0%	83.6%	
Lapse	90.4%	1.2%	26.2%	
Interest	106.2%	17.0%	252.1%	
Historical Experience & Projections				
with All Current Assumptions	142.8%	53.6%	478.2%	

<sup>\*</sup> Calculations ignore the effects of shock lapse, reduced benefit option election, and adverse selection due to the needed rate increase. Calculations do not include the effects of rate increases approved on or after April 17, 2018 and assume that the needed rate increase is fully implemented on January 1, 2019.

## Exhibit III Brighthouse Life Insurance Company Original Pricing & Current Assumptions Comparison

Policy Form: LTC3+ Comprehensive Policy Form

**Original Pricing Assumptions** 

Mortality: 1980 Commissioners Standard Ordinary Table D

**Voluntary Lapse Rates:** 

Duration	Rate
1	13.00%
2	10.00%
3	7.00%
4+	4.00%

Morbidity: Data published by the National Center for Health Statistics ("NCHS") in 1977 and 1985, the

Wilkins adjustments to the 1985 National Nursing Home Survey conducted by the NCHS, the 1982 and 1984 National Long Term Care Surveys, and the NCHS advance data

publications #92 and #133.

Interest Rate: 7.5%

## Exhibit III Brighthouse Life Insurance Company Original Pricing & Current Assumptions Comparison

Policy Form: LTC3+ Comprehensive Policy Form

**Current Assumptions** 

Mortality:

Future mortality is assumed to follow a mortality table based on the experience of the Brighthouse Life Insurance Company policy forms. Where experience was limited at advanced ages, mortality was based on the 2012 Individual Annuitant Mortality (IAM) table. Specifically, the company experience was blended into the 2012 IAM table for ages 89 and older with an assumed terminal age of 115. The assumed mortality rates per 1000 lives are shown in the following table:

Attained	Mortali	ty Rate	Attained	d Mortality Rate		Attained	Mortali	ty Rate
Age	Male	Female	Age	Male	Female	Age	Male	Female
< 51	3.20	1.24	72	12.61	9.75	94	203.70	145.52
51	3.40	1.38	73	16.34	11.51	95	221.28	162.72
52	3.42	1.51	74	18.26	12.17	96	232.40	182.12
53	3.51	1.65	75	20.12	14.77	97	249.35	199.66
54	3.52	1.78	76	23.82	16.17	98	266.09	217.95
55	3.53	1.92	77	27.46	18.98	99	282.39	236.83
56	3.63	2.05	78	30.28	21.62	100	298.45	256.36
57	3.73	2.18	79	36.10	24.93	101	323.61	283.80
58	4.40	2.25	80	40.73	26.75	102	344.19	304.72
59	5.07	2.31	81	47.29	32.90	103	364.63	325.82
60	5.21	2.81	82	53.47	38.29	104	384.78	346.94
61	5.36	2.85	83	59.66	43.48	105	400.00	367.90
62	5.50	3.07	84	71.28	50.74	106	400.00	387.61
63	5.65	3.60	85	80.75	55.97	107	400.00	400.00
64	5.79	4.01	86	91.15	61.48	108	400.00	400.00
65	5.80	4.63	87	103.80	73.75	109	400.00	400.00
66	6.26	5.50	88	116.63	84.97	110	400.00	400.00
67	6.94	5.66	89	128.59	91.58	111	400.00	400.00
68	8.60	6.04	90	140.55	98.20	112	400.00	400.00
69	10.25	6.99	91	155.27	108.32	113	400.00	400.00
70	11.25	7.97	92	170.70	119.19	114	400.00	400.00
71	11.14	8.95	93	186.83	131.33	115+	1000.00	1000.00

**Voluntary Lapse Rates:** 

Duration	Rate
1	6.0%
2	4.0%
3	2.5%
4	1.5%
5	1.3%
6	1.1%
7	1.0%
8+	0.8%

### Exhibit III Brighthouse Life Insurance Company Original Pricing & Current Assumptions Comparison

Policy Form: LTC3+ Comprehensive Policy Form

### **Current Assumptions**

### **Voluntary Lapse Rates (Continued):**

A benefit exhaustion rate assumption, varying by benefit period, is applied to policies with non-lifetime benefit periods additively in conjunction with the lapse assumption. The benefit exhaustion assumption also includes voluntary lapsation in excess of the ultimate lapse assumption of 0.8% for policies with non-lifetime benefit periods. These additional lapses flow through the benefit exhaustion assumption at attained ages 77 and later.

Policies with benefit periods less than 4 years have been mapped to the 3-year benefit period assumption while all other non-lifetime policies have been mapped to the 5-year benefit period assumption. The benefit exhaustion assumption is not applicable to policies with a lifetime benefit period.

	3-year	5-year		3-year	5-year
Attained	Assumed	Assumed	Attained	Assumed	Assumed
Age	Rates	Rates	Age	Rates	Rates
< 67	0.000%	0.000%	84	1.101%	0.667%
67	0.019%	0.006%	85	1.330%	0.806%
68	0.023%	0.008%	86	1.603%	0.971%
69	0.028%	0.010%	87	1.928%	1.168%
70	0.035%	0.013%	88	2.319%	1.405%
71	0.043%	0.016%	89	2.792%	1.684%
72	0.053%	0.021%	90	3.364%	2.013%
73	0.065%	0.026%	91	3.869%	2.394%
74	0.081%	0.033%	92	4.908%	2.835%
75	0.099%	0.042%	93	5.534%	3.336%
76	0.123%	0.053%	94	6.250%	3.909%
77	0.152%	0.069%	95	7.060%	4.552%
78	0.232%	0.131%	96	7.977%	5.287%
79	0.320%	0.198%	97	9.011%	6.107%
80	0.418%	0.272%	98	10.143%	6.999%
81	0.576%	0.353%	99	11.433%	8.001%
82	0.713%	0.444%	100+	12.903%	9.134%
83	0.872%	0.547%			

### Exhibit III Brighthouse Life Insurance Company Original Pricing & Current Assumptions Comparison

Policy Form: LTC3+ Comprehensive Policy Form

Morbidity: In 2015 Genworth Life Insurance Company (Genworth) long-term care (LTC) actuaries

undertook a project to develop a completely new and up-to-date set of claim costs to be used for this block of business. Genworth is the administrator and a reinsurer for these policies. The 2015 claim costs were derived from Genworth's 2014 best estimate morbidity assumptions used for older blocks of Genworth LTC business that correlate to the

Brighthouse Life Insurance Company policy forms.

In 2017 the morbidity assumption changed materially as new claim costs were developed. The 2017 claim costs addressed several issues discovered in relation to the development of the 2015 claim costs. The 2017 claim costs also relied more heavily on the experience of this block of business, rather than that of Genworth in the development of the initial claim costs.

The 2017 claim costs were developed in two high-level phases. The first step was the development of initial claim costs using Genworth's Claim Cost Generator (CCG). The second step involved fitting of the initial claim costs to the historical experience for this block of business.

Genworth's CCG reflects four assumptions in the development of the initial claim costs: claim incidence rates, claim continuance, benefit utilization rates, and claim situs mix. The basis of the assumptions for the CCG is now based on this block of business to the extent available and credible. Once the initial claim costs were developed, adjustments for gender, benefit period and attained age, product generation, and marital status and attained age, were made to the claim costs. After the adjustments were made to the initial claim costs, the final claim costs were back-tested to validate the claim costs provided a good fit to the historical experience.

Interest Rate: 4.5% from inception through 2014 and 4.0% for 2015 and beyond.

### Exhibit IV Brighthouse Life Insurance Company Nationwide Experience Projections with No Increase LTC3+ Comprehensive Policy Form

				Loss F	Ratio Demonstra	ation			Interest Rat	
	O a la calla c		Vithout Interest		1.76	FI	With Interest	1	Calendar Year	Mid-Year
	Calendar	Earned	Incurred	Loss	Life	Earned	Incurred	Loss	Effective	Disc / Accum
	Year	Premium	Claims	Ratio	Years	Premium	Claims	Ratio	Int Rate	Factor
	1993 1994	117 1,422,861	0	0.0% 0.0%	3,349	339 3,945,903	0		4.4% 4.4%	2.8980 2.7732
	1995	13,183,049	854,087	6.5%	14,880	34,985,134	2,266,573		4.4%	2.6538
	1996	37,126,997	2,122,309	5.7%	35,113	94,284,697	5,389,643		4.4%	2.5395
	1997	57,428,701	10,528,126	18.3%	35,609	139,561,006	25,585,044		4.4%	2.4302
	1998	59,242,589	9,619,131	16.2%	36,385	137,769,424	22,369,416		4.4%	2.3255
Historical	1999	59,470,759	14,605,256	24.6%	35,393	132,344,531	32,502,120		4.4%	2.2254
Experience	2000	58,281,373	18,034,202	30.9%	34,597	124,112,637	38,404,592		4.4%	2.1295
'	2001	57,690,693	25,334,790	43.9%	33,835	117,564,362	51,628,232		4.4%	2.0378
	2002	57,037,339	29,302,138	51.4%	33,086	111,227,687	57,141,673	51.4%	4.4%	1.9501
	2003	56,168,870	34,450,204	61.3%	32,351	104,817,319	64,287,887		4.4%	1.8661
	2004	55,119,541	42,276,090	76.7%	31,338	98,429,814	75,494,600		4.4%	1.7858
	2005	53,265,350	47,261,908	88.7%	30,244	91,022,667	80,763,667		4.4%	1.7089
	2006	51,735,802	49,732,631	96.1%	29,268	84,601,813	81,326,095		4.4%	1.6353
	2007	50,869,962	58,306,050	114.6%	28,344	79,603,765	91,240,113		4.4%	1.5648
	2008	49,894,054	73,569,715	147.5%	27,390	74,714,466	110,167,876		4.3%	1.4975
	2009	48,796,007	80,497,564	165.0%	26,373	69,923,619	115,351,262		4.3%	1.4330
	2010	47,410,288	94,792,713	199.9%	25,304	65,012,358	129,986,509		4.3%	1.3713
	2011 2012	46,570,404 47,493,137	98,857,695	212.3% 247.0%	24,026	61,110,670 59,637,798	129,723,158 147,291,708		4.3% 4.2%	1.3122 1.2557
	2012	47,493,137 46,771,967	117,297,175 129,002,040	247.0% 275.8%	22,900 21,742	59,637,798 56,203,076	155,014,039		4.2% 4.2%	1.2557
	2013	46,771,967	124,958,327	275.6% 278.0%	20,339	51,689,723	143,688,948		4.2% 4.1%	1.1499
	2015	46,261,452	129,213,421	279.3%	18,881	51,027,302	142,524,975		4.0%	1.1030
	2016	47,345,480	129,202,902	272.9%	17,522	50,214,429	137,032,089		4.0%	1.0606
	2017	46,857,050	136,757,910	291.9%	16,265	47,785,002	139,466,250		4.0%	1.0198
	2018	48,140,376	128,633,536	267.2%	15,015	47,205,522	126,135,560		4.0%	0.9806
	2019	46,913,100	130,322,820	277.8%	13,784	44,232,768	122,876,960	277.8%	4.0%	0.9429
	2020	42,432,178	130,493,661	307.5%	12,583	38,469,096	118,305,808	307.5%	4.0%	0.9066
Projected	2021	37,889,101	129,522,233	341.8%	11,423	33,029,167	112,908,760		4.0%	0.8717
Future	2022	33,621,594	127,507,640	379.2%	10,311	28,181,771	106,877,474		4.0%	0.8382
Experience	2023	29,648,880	124,504,504	419.9%	9,254	23,895,984	100,346,377		4.0%	0.8060
	2024	25,983,672	120,561,913	464.0%	8,259	20,136,492	93,431,522		4.0%	0.7750
	2025	22,633,044	115,951,488	512.3%	7,330	16,865,255	86,402,494		4.0%	0.7452
	2026	19,597,112	110,806,156	565.4%	6,470	14,041,345	79,392,688		4.0%	0.7165
	2027	16,869,411	105,151,578	623.3%	5,681	11,622,062	72,443,441		4.0%	0.6889
	2028 2029	14,438,945 12,290,468	99,139,886 92,978,109	686.6% 756.5%	4,961 4,310	9,565,009 7,828,616	65,674,738 59,223,942			0.6624 0.6370
	2030	10,405,417	86,667,895	832.9%	3,725	6,372,983	53,081,295		4.0%	0.6125
	2031	8,763,162	80,248,475	915.7%	3,203	5,160,725	47,259,237		4.0%	0.5889
	2032	7,342,320	73,942,316	1007.1%	2,741	4,157,669	41,870,643			0.5663
	2033	6,121,572	67,777,738	1107.2%	2,333	3,333,084	36,903,734			0.5445
	2034	5,079,460	61,771,712	1216.1%	1,976	2,659,301	32,339,965			0.5235
	2035	4,194,705	55,937,551	1333.5%	1,665	2,111,631	28,159,181			0.5034
	2036	3,447,500	50,283,079	1458.5%	1,396	1,668,735	24,339,132	1458.5%	4.0%	0.4840
	2037	2,819,685	44,972,231	1594.9%	1,163	1,312,353	20,931,209	1594.9%	4.0%	0.4654
	2038	2,294,860	40,031,165	1744.4%	964	1,027,006	17,914,916			0.4475
	2039	1,858,185	35,379,843	1904.0%	794	799,599	15,224,362			0.4303
	2040	1,496,462	31,021,878	2073.0%	649	619,178	12,835,652			0.4138
	2041	1,198,245	26,968,205	2250.6%	528	476,719	10,729,230			0.3978
	2042	953,640	23,236,778	2436.6%	426	364,811	8,889,127			0.3825
	2043	754,074	19,879,171	2636.2%	341	277,373	7,312,201			0.3678
	2044 2045	592,186 461,716	16,893,243	2852.7% 3079.5%	271	209,447	5,974,885			0.3537 0.3401
		357,367	14,218,380		213 167	157,021	4,835,410			
	2046 2047	274,546	11,843,334 9,769,845	3314.1% 3558.6%	129	116,860 86,324	3,872,789 3,071,880		4.0% 4.0%	0.3270 0.3144
	2047	209,315	7,958,610	3802.2%	99	63,283	2,406,137		4.0%	0.3023
	2049	158,353	6,431,996	4061.8%	75	46,034	1,869,802		4.0%	0.3023
	2050	118,872	5,168,122	4347.6%	57	33,227	1,444,605		4.0%	0.2795
	2051	88,551	4,113,878	4645.8%	43	23,800	1,105,693		4.0%	0.2688
	2052	65,483	3,247,320	4959.0%	31	16,923	839,218		4.0%	0.2584
	2053	48,070	2,542,321	5288.8%	23	11,945	631,752		4.0%	0.2485
	2054	35,037	1,967,066	5614.2%	17	8,372	470,005		4.0%	0.2389
	2055	25,367	1,500,486	5915.0%	12	5,828	344,732		4.0%	0.2297
	2056	18,247	1,138,798	6241.1%	9	4,031	251,572		4.0%	0.2209
	2057	13,039	853,798	6548.2%	6	2,770	181,359	6548.2%	4.0%	0.2124
	Deet	4 4 4 0 0 0 5 5 0 1	4 450 570 000	407.70/	204 505	4 044 500 540	4 070 040 400	101.001		
	Past	1,140,395,531	1,456,576,382	127.7%	634,535	1,941,589,542	1,978,646,468			
	Future Lifetime	409,653,316 1,550,048,848	2,201,338,760 3,657,915,141	537.4% 236.0%	132,437 766,972	326,200,116 2,267,789,658	1,529,109,488 3,507,755,956			
	FIIGUIIG	1,000,040,040	0,007,810,141	200.0 /0	100,312	۷,۷01,۱۵۵,۵۵۵	J,JUI, I JJ, 330	134.7 /0		

### Exhibit IV Brighthouse Life Insurance Company Nationwide Experience Projections with 56.1% Increase LTC3+ Comprehensive Policy Form

				Loss	Ratio Demonstr	ation			Interest Rat	
			Vithout Interest				With Interest		Calendar Year	Mid-Year
	Calendar Year	Earned Premium	Incurred Claims	Loss Ratio	Life Years	Earned Premium	Incurred Claims	Loss Ratio	Effective Int Rate	Disc / Accur Factor
	1993	117	0	0.0%	1	339	0	0.0%	4.4%	2.898
	1994	1,422,861	0	0.0%	3,349	3,945,903	0	0.0%	4.4%	2.773
	1995	13,183,049	854,087	6.5%	14,880	34,985,134	2,266,573	6.5%	4.4%	2.653
	1996	37,126,997	2,122,309	5.7%	35,113		5,389,643	5.7%	4.4%	2.539
	1997	57,428,701	10,528,126	18.3%	35,609		25,585,044	18.3%	4.4%	2.430
1.12-421	1998	59,242,589	9,619,131	16.2%	36,385	137,769,424	22,369,416	16.2%	4.4%	2.325
Historical	1999	59,470,759	14,605,256	24.6%	35,393	132,344,531	32,502,120	24.6%	4.4%	2.225
Experience	2000 2001	58,281,373 57,690,693	18,034,202 25,334,790	30.9% 43.9%	34,597 33,835	124,112,637 117,564,362	38,404,592 51,628,232	30.9% 43.9%	4.4% 4.4%	2.129 2.037
	2001	57,037,339	29,302,138	51.4%	33,086	111,227,687	57,141,673	51.4%	4.4%	1.950
	2002	56,168,870	34,450,204	61.3%	32,351	104,817,319	64,287,887	61.3%		1.866
	2004	55,119,541	42,276,090	76.7%	31,338	98,429,814	75,494,600	76.7%	4.4%	1.785
	2005	53,265,350	47,261,908	88.7%	30,244	91,022,667	80,763,667	88.7%	4.4%	1.708
	2006	51,735,802	49,732,631	96.1%	29,268	84,601,813	81,326,095	96.1%	4.4%	1.635
	2007	50,869,962	58,306,050	114.6%	28,344	79,603,765	91,240,113	114.6%	4.4%	1.564
	2008	49,894,054	73,569,715	147.5%	27,390	74,714,466	110,167,876	147.5%	4.3%	1.497
	2009	48,796,007	80,497,564	165.0%	26,373	69,923,619	115,351,262	165.0%	4.3%	1.433
	2010	47,410,288	94,792,713	199.9%	25,304	65,012,358	129,986,509	199.9%	4.3%	1.371
	2011	46,570,404	98,857,695	212.3%	24,026	61,110,670	129,723,158	212.3%	4.3%	1.312
	2012	47,493,137	117,297,175	247.0%	22,900	59,637,798	147,291,708	247.0%	4.2%	1.255
	2013	46,771,967	129,002,040	275.8%	21,742	56,203,076	155,014,039	275.8%	4.2%	1.201
	2014	44,951,692	124,958,327	278.0%	20,339	51,689,723	143,688,948	278.0%	4.1%	1.149
	2015	46,261,452	129,213,421	279.3%	18,881	51,027,302	142,524,975	279.3%	4.0%	1.103
	2016 2017	47,345,480 46,857,050	129,202,902 136,757,910	272.9% 291.9%	17,522 16,265	50,214,429 47,785,002	137,032,089 139,466,250	272.9% 291.9%	4.0% 4.0%	1.060 1.019
	2017	48,140,376	128,633,536	267.2%	15,015		126,135,560	267.2%	4.0%	0.980
	2019	50,100,767	129,548,175	258.6%	13,571	47,238,311	122,146,574	258.6%	4.0%	0.942
	2020	59,770,850	126,054,166	210.9%	12,301	54,188,369	114,280,954	210.9%	4.0%	0.906
Projected	2021	54,574,104	124,604,617	228.3%	11,166		108,621,913	228.3%	4.0%	0.87
Future	2022	48,427,340	122,487,236	252.9%	10,079	40,592,013	102,669,349	252.9%	4.0%	0.838
Experience	2023	42,705,185	119,436,051	279.7%	9,046		96,261,377	279.7%	4.0%	0.80
	2024	37,425,950	115,501,674	308.6%	8,074	29,003,882	89,510,003	308.6%	4.0%	0.775
	2025	32,599,826	110,946,053	340.3%	7,166		82,672,641	340.3%	4.0%	0.745
	2026	28,226,979	105,898,138	375.2%	6,325	20,224,650	75,876,089	375.2%		0.716
	2027	24,298,095	100,382,915	413.1%	5,553		69,158,104	413.1%		0.688
	2028	20,797,339	94,545,579	454.6%	4,850		62,631,262	454.6%		0.662
	2029	17,702,750	88,583,042	500.4%	4,214		56,424,431	500.4%		0.637
	2030 2031	14,987,590 12,622,144	82,496,189 76,321,640	550.4% 604.7%	3,642		50,526,259 44,946,679	550.4% 604.7%	4.0% 4.0%	0.612 0.588
	2032	10,575,615	70,269,197	664.4%	3,132 2,679		39,790,699	664.4%	4.0%	0.566
	2032	8,817,293	64,364,190	730.0%	2,281	4,800,854	35,045,120	730.0%		0.54
	2034	7,316,272	58,621,286	801.2%	1,932		30,690,590	801.2%		0.52
	2035	6,041,903	53,052,037	878.1%	1,628		26,706,602	878.1%	4.0%	0.50
	2036	4,965,655	47,662,398	959.8%	1,364		23,070,612	959.8%	4.0%	0.48
	2037	4,061,374	42,606,083	1049.1%	1,137		19,829,944	1049.1%		0.46
	2038	3,305,435	37,906,731	1146.8%	942		16,964,180	1146.8%	4.0%	0.44
	2039	2,676,463	33,487,579	1251.2%	776		14,410,099	1251.2%		0.43
	2040	2,155,450	29,351,025	1361.7%	635		12,144,318	1361.7%		0.41
	2041	1,725,910	25,506,479	1477.9%	516		10,147,687	1477.9%		0.39
	2042	1,373,589	21,970,026	1599.5%	416		8,404,536	1599.5%		0.38
	2043	1,086,140	18,789,734	1730.0%	333		6,911,471	1730.0%		0.36
	2044 2045	852,963 665,040	15,962,939 13,431,891	1871.5% 2019.7%	265 209		5,645,850 4,567,939	1871.5% 2019.7%		0.35 0.34
	2045	514,739	11,185,527	2173.0%	163		3,657,685	2173.0%		0.34
	2047	395,446	9,225,162	2332.9%	126		2,900,618	2332.9%		0.32
	2047	301,490	7,513,375	2492.1%	97	91,150	2,271,529	2492.1%		0.30
	2049	228,086	6,071,013	2661.7%	74		1,764,863	2661.7%		0.29
	2050	171,219	4,877,213	2848.5%	56		1,363,290	2848.5%		0.27
	2051	127,545	3,881,679	3043.4%	42		1,043,285	3043.4%		0.26
	2052	94,319	3,063,572	3248.1%	31	24,375	791,731	3248.1%		0.25
	2053	69,239	2,398,131	3463.6%	23	17,205	595,922	3463.6%	4.0%	0.24
	2054	50,467	1,855,265	3676.2%	16	12,058	443,291	3676.2%	4.0%	0.23
	2055	36,538	1,415,040	3872.8%	12	8,395	325,101	3872.8%		0.22
	2056	26,282	1,073,835	4085.9%	8	5,806	237,221	4085.9%		0.22
	2057	18,780	805,016	4286.5%	6	3,989	170,997	4286.5%	4.0%	0.21
	Daet	1 140 205 524	1,456,576,382	127.7%	634,535	1 0/1 500 540	1,978,646,468	101.9%		
	Past Future	1,140,395,531 550,032,545	2,111,785,435	383.9%	129,898		1,471,756,375	341.2%		
	Lifetime	1,690,428,076	3,568,361,817	211.1%	764,433	, ,	3,450,402,844	145.4%		

### Exhibit V Brighthouse Life Insurance Company Status of Filings as of February 19, 2019 All Jurisdictions in which these Forms are Active LTC3+ Comprehensive Policy Form

		First Round			Second Round			Third Round		Thire	d Round Follow	/-Up <sup>[2]</sup>	Second	Third Round Fo	llow-Up <sup>[3]</sup>		Fourth	Round					Fourth Rou	nd Follow-Up <sup>[4]</sup>	]	
		Date	Amount		Date	Amount		Date	Amount		Date	Amount		Date	Amount			Date	Amount	Cumulative			Date	Amount		
	Requested	Approved or	Approved or	Requested	Approved or	Approved or	Requested	Approved or	Approved or	Requested	Approved or	Approved or	Requested	Approved or	Approved or	Requested	Date of	Approved or	Approved or	Approved	Requested	Date of	Approved or	Approved or	•	Proportion o
urisdiction	Increase	Filed	Filed	Increase	Filed	Filed	Increase	Filed	Filed	Increase	Filed	Filed	Increase	Filed	Filed	Increase	Submission	Filed	Filed	Increase	Increase	Submission	Filed	Filed	Premium <sup>[5]</sup>	Nationwide
laska <sup>[1]</sup>	39.0%	5/14/2004	39.0%	30.0%	N/A	30.0%	50.0%	N/A	50.0%	Not Filing			Not Filing			21.0%	N/A	N/A	21.0%	228.0%	Not Filing				12,700	0.02
labama	39.0%	6/15/2004	30.0%	30.0%	6/23/2010	30.0%	61.7%	1/14/2014	20.0%	34.8%	2/16/2016	20.0%	Not Filing			35.9%	12/14/2016	6/7/2017	20.0%	192.0%	13.2%	4/30/2018			278,944	
rkansas	39.0%	Disapproved	0.0%	39.0%	5/5/2010	10.0%	100.0%	1/29/2015	25.0%	60.0%	11/19/2015	25.0%	Not Filing			70.9%	1/24/2017	Disapproved	0.0%	71.9%	70.9%	2/1/2018	2/15/2018	25.0%	48,630	0.089
rizona	39.0%	Disapproved	0.0%	39.0%	7/12/2010	15.0%	100.0%	12/20/2013	100.0%	Not Filing			Not Filing			30.5%	12/7/2016	Disapproved	0.0%	130.0%	30.5%	11/26/2018			345,657	0.579
alifornia	39.0%	6/2/2004	30.0%	30.0%	10/24/2012	18.0%	77.3%	4/40/0045	25.00/	Not Filing	Diagramma	0.00/	Not Filing			TBD				53.4%	TBD				8,044,420	
olorado	39.0%	8/31/2004	39.0%	30.0%	11/22/2010	10.0%	77.8%	1/12/2015	35.0%	31.7%	Disapproved	0.0%	Not Filing	10/12/2016	25 20/	41.8%	0/12/2019	10/25/2019	24.00/	106.4% 234.9%	TBD				665,153	
onnecticut istrict of Columbia	33.1% 39.0%	Disapproved Withdrawn	0.0%	39.0% 39.0%	9/3/2010 Disapproved	39.0% 0.0%	91.7% 10.0%	3/28/2014 4/18/2014	20.0% 10.0%	59.8% 10.0%	3/20/2015 5/13/2015	10.0% 10.0%	45.3% 10.0%	10/13/2016 8/31/2016	35.3% 10.0%	29.9% 10.0%	9/12/2018 9/5/2017	10/25/2018 10/3/2017	34.9% 10.0%	46.4%	Not Filing 10.0%	12/13/2018			9,759,464 148,243	15.979 0.249
elaware	39.0%	9/8/2004	0.0% 16.0%	39.0%	Disapproved 7/12/2010	25.0%	25.0%	2/25/2014	25.0%	25.0%	11/18/2015	25.0%	Not Filing	0/31/2010	10.078	25.0%	12/21/2016	2/23/2017	25.0%	183.2%	15.0%	3/30/2018	5/22/2018	15.0%	57,853	0.24
lorida	39.0%	12/6/2004	12.0%	30.0%	11/13/2012	17.0%	75.4%	5/22/2015	9.4%	7.8%	7/8/2016	9.8%	Not Filing			88.6%	8/15/2017	8/2/2018	57.3%	147.5%	Not Filing	0,00,2010	0,22,2010	10.070	5,067,874	8.29
eorgia	39.0%	2/4/2005	13.0%	30.0%	5/13/2010	15.0%	100.0%	7/16/2014	15.0%	73.9%	8/3/2015	13.0%	53.9%	9/22/2016	15.0%	62.6%	8/28/2017	11/3/2017	15.0%	123.3%	41.4%	10/5/2018	11/7/2018	18.0%	659,121	1.089
awaii	39.0%	12/21/2004	25.0%	30.0%	10/10/2011	30.0%	68.2%	7/7/2017	42.9%	Not Filing			Not Filing			42.4%				132.2%	TBD				621,162	
owa	39.0%	6/23/2004	32.0%	30.0%	7/12/2010	17.5%	75.6%	4/7/2014	17.0%	50.1%	8/18/2015	17.5%	54.6%	10/19/2016	17.5%	31.5%	9/18/2017	11/22/2017	17.5%	194.4%	11.9%	10/3/2018	1/9/2019	11.9%	324,931	0.539
laho	39.0%	Disapproved	0.0%	39.0%	7/28/2010	10.0%	100.0%	10/31/2014	30.0%	53.8%	12/24/2015	20.0%	Not Filing			71.2%	12/13/2018			71.6%	TBD				30,488	0.059
linois	39.0%	7/28/2004	39.0%	30.0%	8/2/2010	30.0%	50.0%	1/8/2015	50.0%	Not Filing			Not Filing			21.0%	11/10/2016	6/14/2017	21.0%	228.0%	Not Filing				1,945,826	
ndiana	39.0%	Disapproved	0.0%	39.0%	9/16/2011	10.0%	100.0%	2/25/2015	18.0%	69.5%	5/9/2016	15.0%	Not Filing			96.8%	3/3/2017	8/29/2017	10.0%	64.2%	78.9%	6/20/2018			760,866	
ansas	39.0%	7/15/2004	25.0%	30.0%	8/5/2010	10.0%	93.2%	5/21/2014	42.7%	Not Filing			Not Filing			TBD				96.2%	TBD				363,638	
entucky	39.0%	9/20/2004	30.0%	30.0%	5/10/2010	7.0%	91.6%	3/4/2014	20.4%	47.4%	11/10/2015	13.5%	Not Filing			69.7%	1/12/2017	4/18/2017	19.2%	126.6%	19.2%	5/9/2018	6/27/2018	19.2%	127,672	0.219
ouisiana	39.0%	6/9/2004	39.0%	30.0%	Disapproved	0.0%	91.7%	1/14/2015	20.0%	53.4%	Disapproved	0.0%	Not Filing			85.6%	2/16/2017	7/11/2017	25.0%	108.5%	48.5%	2/8/2019			334,373	0.55
lassachusetts	23.2%	9/27/2004	23.2%	30.0%	12/5/2012	10.0%	95.2%	1/20/2017	40.0%	Not Filing	C/4.C/204.E	45.00/	Not Filing	11/0/2010	45.00/	Not Filing	0/40/2047	4/0/2040	44.50/	89.7%	TBD				4,082,227	6.689
laryland	39.0% 39.0%	8/19/2004	15.0%	15.0%	8/13/2010	15.0%	15.0%	2/4/2014	15.0%	15.0%	6/16/2015	15.0%	15.0% Not Filing	11/9/2016	15.0%	15.0%	9/18/2017	4/6/2018	11.5%	124.3%	15.0% 15.0%				2,679,614	4.39
laine lichigan	39.0%	6/22/2004 9/1/2004	39.0% 39.0%	13.5% 30.0%	10/19/2010 3/19/2010	13.5% 30.0%	24.0% 50.0%	12/19/2014 12/2/2013	24.0% 50.0%	Not Filing Not Filing			Not Filing Not Filing			Not Filing 21.0%	11/11/2016	11/28/2016	21.0%	95.6% 228.0%	Not Filing				392,611 541,405	0.64° 0.89°
linnesota	39.0%	7/26/2004	39.0%	30.0%	3/3/2015	26.5%	Not Filing	12/2/2013	30.070	Not Filing			Not Filing			87.4%	7/25/2018	11/1/2018	52.1%	167.4%	23.2%				1,809,861	2.96
lissouri	39.0%	7/15/2004	39.0%	30.0%	9/22/2010	30.0%	Not Filing			50.0%	3/27/2015	25.0%	20.0%	6/29/2016	20.0%	21.0%	12/12/2016	1/18/2017	21.0%	228.0%	Not Filing				514,747	0.84
lississippi	39.0%	8/19/2004	25.0%	30.7%	5/6/2010	30.7%	25.0%	5/20/2014	25.0%	25.0%	10/28/2015	25.0%	Not Filing	0,20,20.0		25.0%	1/25/2017	4/17/2017	25.0%	219.1%	4.2%	5/8/2018	Disapproved	0.0%	57,031	0.099
lontana	39.0%	7/9/2004	39.0%	30.0%	5/11/2010	30.0%	50.0%	2/6/2014	25.0%	20.0%	Withdrawn	Withdrawn	Not Filing			45.2%	3/2/2017	Disapproved	0.0%	125.9%	45.2%		''		18,183	0.039
orth Carolina	39.0%	6/9/2004	39.0%	30.0%	7/2/2010	30.0%	50.0%	3/14/2014	50.0%	Not Filing			Not Filing			21.0%	12/6/2016	5/9/2017	21.0%	228.0%	Not Filing				2,748,857	4.509
orth Dakota	39.0%	6/23/2004	20.0%	30.0%	7/21/2010	17.0%	90.3%	1/21/2014	15.0%	65.5%	3/20/2015	15.0%	43.9%	7/20/2016	15.0%	51.4%	8/29/2017	Disapproved	0.0%	113.5%	Not Filing				17,298	0.039
ebraska	39.0%	9/2/2004	25.0%	30.0%	12/14/2010	14.0%	88.2%	9/29/2014	25.0%	50.6%	9/9/2015	50.6%	Not Filing			21.0%				168.3%	TBD				156,140	
ew Hampshire	39.0%	Disapproved	0.0%	39.0%	8/26/2010	17.9%	100.0%	Disapproved	0.0%	Not Filing			Not Filing			19.1%	2/21/2018	6/18/2018	21.2%	42.9%	112.4%				179,889	0.29
ew Jersey	39.0%	4/4/2005	10.0%	30.0%	7/16/2010	30.0%	87.7%	7/3/2014	52.1%	Not Filing			Not Filing			49.3%	2/17/2017	6/15/2017	26.0%	174.0%	TBD				9,181,260	
ew Mexico	39.0%	6/23/2004	39.0%	30.0%	8/10/2010	30.0%	50.0%	5/21/2014	15.0%	30.4%	7/31/2015	15.0%	Not Filing			37.3%	2/1/2017	4/19/2017	15.0%	174.7%	19.4%	5/10/2018	6/15/2018	15.0%	108,588	
evada	39.0%	7/23/2004	10.0%	30.0%	11/30/2010	10.0%	100.0%	10/16/2014	40.0%	Not Filing	0/44/0040	45.00/	Not Filing			81.2%	3/2/2017	7/12/2017	81.2%	207.0%	Not Filing	F/7/0040	7/0/0040	45.00/	22,274	0.049
Phio	39.0%	6/10/2004	25.0%	34.1%	6/1/2010	34.1%	68.2%	3/31/2015	15.0%	46.3%	3/11/2016	15.0%	Not Filing			15.0%	12/9/2016	3/20/2017	15.0%	154.9%	15.0%	5/7/2018 3/29/2018	7/3/2018	15.0%	1,448,509	
oklahoma Oregon	39.0% 39.0%	8/25/2004 7/15/2004	15.0%	30.0% 30.0%	11/15/2010 6/4/2010	10.0%	100.0% 87.0%	3/17/2014 4/21/2014	25.0% 30.0%	60.0% 43.8%	2/1/2016 4/7/2016	10.0% 43.8%	Not Filing Not Filing			79.7% 21.0%	12/27/2016	2/9/2017	10.0%	91.3% 168.7%	63.4%	3/29/2016	4/30/2018	10.0%	68,445 107,752	0.11 <sup>o</sup> 0.18 <sup>o</sup>
Pregon ennsylvania	0.0%	Not Filed	25.0% 0.0%	39.0%	7/28/2010	15.0% 14.9%	100.0%	2/28/2014	15.0%	73.9%	7/21/2015	15.0%	83.0%	12/13/2016	15.0%	71.7%	11/15/2017	3/6/2018	10.0%	92.3%	56.1%				2,073,715	
uerto Rico	39.0%	10/15/2004	39.0%	30.0%	4/7/2010	30.0%	50.0%	7/8/2014	25.0%	Not Filing	1/21/2013	13.070	Not Filing	12/13/2010	15.070	45.2%	1/26/2017	5/10/2017	45.2%	228.0%	Not Filing				33,160	
hode Island	39.0%	10/11/2005	39.0%	30.0%	9/19/2011	25.0%	57.0%	2/16/2017	57.0%	Not Filing			Not Filing			21.0%	1/20/2017	0/10/2017	10.270	172.8%	TBD				502,670	0.829
outh Carolina	39.0%	7/12/2004	39.0%	30.0%	11/12/2010	20.0%	63.9%	2/4/2014	20.0%	36.6%	5/4/2015	20.0%	Not Filing			37.7%	11/10/2016	2/3/2017	20.0%	188.2%	14.8%	3/28/2018	6/19/2018	14.8%	683,913	1.12
ennessee	39.0%	6/25/2004	39.0%	30.0%	6/24/2010	10.0%	77.8%	4/14/2014	77.8%	Not Filing			Not Filing			21.0%	11/16/2016	9/11/2017	12.0%	204.5%	8.0%	5/29/2018	8/9/2018	8.0%	360,189	
exas	39.0%	9/15/2004	30.0%	30.0%	7/16/2010	20.0%	74.7%	4/28/2014	24.0%	70.5%	12/14/2016	38.0%	Not Filing			23.5%				166.9%	TBD				1,264,436	
tah	39.0%	10/28/2004	39.0%	30.0%	Disapproved	0.0%	91.7%	11/5/2014	30.0%	47.5%	Disapproved	0.0%	Not Filing			78.4%	2/27/2017	5/1/2017	35.0%	143.9%	Not Filing				92,556	0.15
irginia	39.0%	5/20/2005	33.0%	30.0%	2/25/2011	30.0%	28.7%	1/20/2016	13.1%	Not Filing			Not Filing			68.8%				95.5%	TBD				1,218,511	1.99
ermont	39.0%	7/19/2005	25.0%	30.0%	Disapproved	0.0%	100.0%	Disapproved	0.0%	Not Filing			Not Filing			148.9%	12/12/2016			25.0%	TBD				251,920	
/ashington	39.0%	7/19/2004	31.8%	30.0%	8/17/2010	30.0%	54.5%	8/14/2014	54.5%	Not Filing			Not Filing			Not Filing				164.7%	TBD				376,916	
/isconsin	39.0%	5/21/2004	39.0%	30.0%	6/29/2010	30.0%	50.0%	2/27/2014	50.0%	Not Filing			Not Filing			21.0%	12/8/2016	6/29/2017	21.0%	228.0%	Not Filing				431,832	
/est Virginia	39.0%	7/20/2004	39.0%	30.0%	5/24/2010	30.0%	50.0%	9/11/2014	50.0%	Not Filing			Not Filing			21.0%	2/22/2017	Disapproved	0.0%	171.1%	21.0%	2/14/2018	3/14/2018	21.0%	82,491	0.14
/yoming	39.0%	5/6/2004	39.0%	30.0%	6/4/2010	30.0%	50.0%	2/7/2014	50.0%	Not Filing			Not Filing			21.0%	2/28/2017	3/1/2017	21.0%	228.0%	Not Filing		1		-	0.00 1 <b>00.00</b>

<sup>[1]</sup> Alaska does not require Long Term Care rates to be filed before use.

<sup>[2]</sup> The company is generally filing in jurisdictions where the requested third round rate increase was not achieved. In some instances filings are not being pursued due to regulatory restrictions or because the third round rate increase was phased-in over multiple years.

<sup>[3]</sup> The company is generally filing in jurisdictions where the requested third round and third round follow-up rate increases were not achieved. In some instances filings are not being pursued due to regulatory restrictions or because the third round rate increase was phased-in over multiple years.

<sup>[4]</sup> The company is generally filing in jurisdictions where the requested fourth round rate increase was not achieved. In some instances filings are not being pursued due to regulatory restrictions or because the fourth round rate increase was phased-in over multiple years.

<sup>[5]</sup> Annualized premiums reflect all prior rate increases approved prior to April 17, 2018.

### BRIGHTHOUSE LIFE INSURANCE COMPANY

Address: 1209 Orange Street, Wilmington, DE 19801

### Supplement to the Actuarial Memorandum for the LTC3+ Comprehensive Product

### February 2019

Product
Long-Term Care
Long-Term Care
Annual 5% Compound Benefit Inflation Rider
Cost of Living (CPI) Benefit Inflation Rider
Increased Benefits Option Rider

Form Number
H-LTC3JP, et al.
H-LTC3JP27, et al.
H-5AI
H-COLI-4
H-IBOR

### 1. Purpose of Filing

This supplement has been prepared for the purpose of demonstrating the compliance of the requested rate increase with Reg. 89.83 of the Insurance Regulations for the state of Pennsylvania. It may not be appropriate for other purposes.

### 2. Demonstration of Compliance with Reg. 89.83

- 89.83 (a): This subsection requires no action.
- 89.83 (b): This subsection is not applicable since this filing is not for rates for new policy forms.
- 89.83 (c): Revision of Current Rates
- (1): This rate increase filing complies with the minimum loss ratio requirement of 60%, as specified in Reg. 89a.117.
- (2): Section 2 of the attached actuarial memorandum provides a description of benefits. Copies of the policy forms may be available upon request.
- (2)(i): The increase is needed due to morbidity and persistency levels which produce lifetime loss ratios in excess of original pricing and the minimum requirement. A rate increase is considered an effective way to reduce projected losses.

On November 15, 2017, the company requested a rate increase of 71.7%. A 10.0% increase was approved on March 6, 2018 and implemented on each contract's next billing anniversary beginning June 2, 2018. Emerging experience continues to show the need for significant rate relief. The company is requesting a premium rate increase of 56.1% at this time. This level is comprised of the remainder of the 2017 request.

Existing rates and revised rates reflecting the 56.1% proposed increase are enclosed with this filing. Please note that the actual rates implemented may vary from those shown slightly due to implementation rounding algorithms.

Attachment 1 to this supplement displays nationwide experience showing earned premium and incurred claims, both with and without the requested rate increase. Attachment 2 to this supplement displays nationwide experience showing written premium and paid claims, both with and without the requested rate increase. The experience and projections in Attachments 1 and 2 have been restated to reflect the rate level approved in Pennsylvania on a nationwide basis.

Attachments 3 and 4 display Pennsylvania-specific experience similar to Attachments 1 and 2, respectively. Please note that Pennsylvania-specific experience is not considered fully credible, but is being provided as required.

The company is aware that the transition of paid claims from the historical to projection period may not be smooth. This is due to an aggregate set of claim runoff factors being used for all loss age cohorts. Loss age specific claim runoff factors were not developed or adjustments manually applied to smooth the transition as we believe that the Department focuses on incurred claims projections when reviewing rate increase filings.

### **BRIGHTHOUSE LIFE INSURANCE COMPANY**

Address: 1209 Orange Street, Wilmington, DE 19801

### Supplement to the Actuarial Memorandum for the LTC3+ Comprehensive Product

### February 2019

(2)(ii)(A): There have been five prior increases approved and implemented on these policy forms and associated riders.

- 1. A 14.92% increase, phased in over a two year period, was approved on July 28, 2010 and implemented on each contract's next billing anniversary beginning December 2, 2010.
- 2. A 15.0% increase was approved on February 28, 2014 and implemented on each contract's next billing anniversary beginning July 12, 2014.
- 3. A 15.0% increase was approved on July 21, 2015 and implemented on each contract's next billing anniversary beginning October 17, 2015.
- 4. A 15.0% increase was approved on December 13, 2016 and implemented on each contract's next billing anniversary beginning March 4, 2017.
- 5. A 10.0% increase was approved on March 6, 2018 and implemented on each contract's next billing anniversary beginning June 2, 2018.

(2)(ii)(B): The following Table 1 shows commission scales by duration:

**Table 1: Commission Scales by Duration** 

	Commission
Duration	Percentage
1	5% - 92%
2-6	1% - 16%
7-10	0% - 16%
11+	0% - 15%

(2)(ii)(C)(I): Premiums earned and written since inception for nationwide experience can be found in Attachments 1 and 2 to this supplement, respectively. Premiums earned and written since inception for Pennsylvania-specific experience can be found in Attachments 3 and 4 to this supplement, respectively. Details of reserve balances and calculation basis for both nationwide and Pennsylvania-specific experience can be found in Attachment 5 to this supplement. Please note that Pennsylvania-specific experience is not considered fully credible, but is being provided as required.

(2)(ii)(C)(II): Claims incurred and paid since inception for nationwide experience can be found in Attachments 1 and 2 to this supplement, respectively. Claims incurred and paid since inception for Pennsylvania-specific experience can be found in Attachments 3 and 4 to this supplement, respectively. Please note that Pennsylvania-specific experience is not considered fully credible, but is being provided as required.

Attachments 6 and 7 to this supplement provide a durational loss ratio analysis for nationwide and Pennsylvania-specific experience, respectively. Please note that Pennsylvania-specific experience is not considered fully credible, but is being provided as required.

(2)(ii)(D): We believe that we have provided information sufficient to support the rate increase requested in this filing.

(2)(iii): We believe that data used in this rate increase filing is in agreement with that used in the annual statement filed with the Department.

89.83 (d): We believe this rate increase filing complies with this subsection.

### Attachment 1 Brighthouse Life Insurance Company Nationwide Earned Premium and Incurred Claim Experience Projections with No Increase LTC3+ Comprehensive Policy Form

				Loss	Ratio Demonstr	ation			Interest Ra	
			Vithout Interest				With Interest		Calendar Year	Mid-Year
	Calendar	Earned	Incurred	Loss	Life	Earned	Incurred	Loss	Effective	Disc / Accum
	Year 1993	Premium 117	Claims 0	Ratio 0.0%	Years	Premium 339	Claims 0	Ratio 0.0%	Int Rate 4.4%	Factor 2.8980
	1993	1,422,861	0	0.0%	3,349		0	0.0%	4.4%	2.7732
	1995	13,183,049	854,087	6.5%	14,880		2,266,573	6.5%	4.4%	2.6538
	1996	37,126,997	2,122,309	5.7%	35,113		5,389,643	5.7%	4.4%	2.5395
	1997	57,428,701	10,528,126	18.3%	35,609		25,585,044	18.3%	4.4%	2.4302
	1998	59,242,589	9,619,131	16.2%	36,385		22,369,416	16.2%	4.4%	2.3255
Historical	1999	59,470,759	14,605,256	24.6%	35,393		32,502,120	24.6%	4.4%	2.2254
Experience	2000	58,281,373	18,034,202	30.9%	34,597	124,112,637	38,404,592	30.9%	4.4%	2.1295
	2001	57,690,693	25,334,790	43.9%	33,835		51,628,232	43.9%	4.4%	2.0378
	2002	57,037,339	29,302,138	51.4%	33,086		57,141,673	51.4%	4.4%	1.9501
	2003 2004	56,168,870 55,119,541	34,450,204 42,276,090	61.3% 76.7%	32,351 31,338	104,817,319 98,429,814	64,287,887 75,494,600	61.3% 76.7%	4.4% 4.4%	1.8661 1.7858
	2004	53,265,350	47,261,908	88.7%	30,244		80,763,667	88.7%	4.4%	1.7089
	2006	51,735,802	49,732,631	96.1%	29,268		81,326,095	96.1%	4.4%	1.6353
	2007	50,869,962	58,306,050	114.6%	28,344		91,240,113	114.6%	4.4%	1.5648
	2008	49,894,054	73,569,715	147.5%	27,390		110,167,876	147.5%	4.3%	1.4975
	2009	48,796,007	80,497,564	165.0%	26,373	69,923,619	115,351,262	165.0%	4.3%	1.4330
	2010	47,410,288	94,792,713	199.9%	25,304		129,986,509	199.9%	4.3%	1.3713
	2011	46,570,404	98,857,695	212.3%	24,026		129,723,158	212.3%	4.3%	1.3122
	2012	47,493,137	117,297,175	247.0%	22,900		147,291,708	247.0%	4.2%	1.2557
	2013	46,771,967	129,002,040	275.8%	21,742		155,014,039	275.8%	4.2%	1.2016
	2014 2015	44,951,692 46,261,452	124,958,327 129,213,421	278.0% 279.3%	20,339 18,881	51,689,723 51,027,302	143,688,948 142,524,975	278.0% 279.3%	4.1% 4.0%	1.1499 1.1030
	2016	47,345,480	129,213,421	279.5%	17,522	51,027,302	137,032,089	279.3% 272.9%	4.0%	1.0606
	2017	46,857,050	136,757,910	291.9%	16,265		139,466,250	291.9%	4.0%	1.0198
	2018	48,140,376	128,633,536	267.2%	15,015		126,135,560	267.2%	4.0%	0.9806
	2019	46,913,100	130,322,820	277.8%	13,784		122,876,960	277.8%	4.0%	0.9429
	2020	42,432,178	130,493,661	307.5%	12,583	38,469,096	118,305,808	307.5%	4.0%	0.9066
Projected	2021	37,889,101	129,522,233	341.8%	11,423		112,908,760	341.8%	4.0%	0.8717
Future	2022	33,621,594	127,507,640	379.2%	10,311	28,181,771	106,877,474	379.2%	4.0%	0.8382
Experience	2023	29,648,880	124,504,504	419.9%	9,254		100,346,377	419.9%	4.0%	0.8060
	2024	25,983,672	120,561,913	464.0%	8,259		93,431,522	464.0%	4.0%	0.7750
	2025 2026	22,633,044 19,597,112	115,951,488	512.3%	7,330		86,402,494	512.3%	4.0% 4.0%	0.7452
	2026	16,869,411	110,806,156 105,151,578	565.4% 623.3%	6,470 5,681		79,392,688 72,443,441	565.4% 623.3%		0.7165 0.6889
	2028	14,438,945	99,139,886	686.6%	4,961	9,565,009	65,674,738	686.6%		0.6624
	2029	12,290,468	92,978,109	756.5%	4,310		59,223,942	756.5%		
	2030	10,405,417	86,667,895	832.9%	3,725		53,081,295	832.9%		
	2031	8,763,162	80,248,475	915.7%	3,203		47,259,237	915.7%	4.0%	0.5889
	2032	7,342,320	73,942,316	1007.1%	2,741		41,870,643	1007.1%	4.0%	0.5663
	2033	6,121,572	67,777,738	1107.2%	2,333		36,903,734	1107.2%		0.5445
	2034	5,079,460	61,771,712	1216.1%	1,976		32,339,965	1216.1%		0.5235
	2035	4,194,705	55,937,551	1333.5%	1,665		28,159,181	1333.5%		0.5034
	2036 2037	3,447,500 2,819,685	50,283,079 44,972,231	1458.5% 1594.9%	1,396 1,163		24,339,132 20,931,209	1458.5% 1594.9%		0.4840 0.4654
	2038	2,294,860	40,031,165	1744.4%	964		17,914,916	1744.4%		0.4475
	2039	1,858,185	35,379,843	1904.0%	794		15,224,362	1904.0%	4.0%	0.4303
	2040	1,496,462	31,021,878	2073.0%	649		12,835,652	2073.0%	4.0%	0.4138
	2041	1,198,245	26,968,205	2250.6%	528		10,729,230	2250.6%	4.0%	0.3978
	2042	953,640	23,236,778	2436.6%	426		8,889,127	2436.6%		0.3825
	2043	754,074	19,879,171	2636.2%	341		7,312,201	2636.2%		0.3678
	2044	592,186	16,893,243	2852.7%	271		5,974,885	2852.7%		0.3537
	2045	461,716	14,218,380	3079.5%	213		4,835,410	3079.5%		0.3401
	2046	357,367	11,843,334	3314.1%	167		3,872,789	3314.1%		0.3270
	2047 2048	274,546 209,315	9,769,845 7,958,610	3558.6% 3802.2%	129		3,071,880 2,406,137	3558.6% 3802.2%		0.3144 0.3023
	2048	158,353	6,431,996	4061.8%	99 75		2,406,137 1,869,802	4061.8%		0.3023
	2049	118,872	5,168,122	4347.6%	75 57		1,444,605	4347.6%		0.2795
	2051	88,551	4,113,878	4645.8%	43		1,105,693	4645.8%		0.2688
	2052	65,483	3,247,320	4959.0%	31		839,218	4959.0%		0.2584
	2053	48,070	2,542,321	5288.8%	23		631,752	5288.8%		0.2485
	2054	35,037	1,967,066	5614.2%	17		470,005	5614.2%		0.2389
	2055	25,367	1,500,486	5915.0%	12		344,732	5915.0%		0.2297
	2056	18,247	1,138,798	6241.1%	9	4,031	251,572	6241.1%	4.0%	0.2209
	2057	13,039	853,798	6548.2%	6	2,770	181,359	6548.2%	4.0%	0.2124
	Dogt	4 4 4 0 0 0 5 5 0 1	4 450 570 000	107.701	004 505	4 0 44 500 5 40	4.070.040.400	404.004		
	Past	1,140,395,531	1,456,576,382	127.7%	634,535		1,978,646,468	101.9%		
	Future	409,653,316	2,201,338,760	537.4%	132,437		1,529,109,488	468.8% 154.7%		
	Lifetime	1,550,048,848	3,657,915,141	236.0%	766,972	2,267,789,658	3,507,755,956	154.7%		

## Attachment 1 Brighthouse Life Insurance Company Nationwide Earned Premium and Incurred Claim Experience Projections with 56.1% Increase LTC3+ Comprehensive Policy Form

				Loss F	Ratio Demonstr	ation			Interest Ra	
	Colondor		Vithout Interest	Loop	Lifo	Formed	With Interest	Loop	Calendar Year	Mid-Year
	Calendar Year	Earned Premium	Incurred Claims	Loss Ratio	Life Years	Earned Premium	Incurred Claims	Loss Ratio	Effective Int Rate	Disc / Accum Factor
	1993	117	0	0.0%	1	339	0	0.0%	4.4%	
	1994	1,422,861	0	0.0%	3,349	3,945,903	0	0.0%	4.4%	
	1995 1996	13,183,049 37,126,997	854,087 2,122,309	6.5% 5.7%	14,880 35,113	34,985,134 94,284,697	2,266,573 5,389,643	6.5% 5.7%	4.4% 4.4%	
	1997	57,428,701	10,528,126	18.3%	35,609	139,561,006	25,585,044	18.3%	4.4%	
	1998	59,242,589	9,619,131	16.2%	36,385	137,769,424	22,369,416	16.2%	4.4%	
Historical	1999	59,470,759	14,605,256	24.6%	35,393	132,344,531	32,502,120	24.6%	4.4%	
Experience	2000	58,281,373	18,034,202	30.9%	34,597	124,112,637	38,404,592	30.9%	4.4%	
	2001	57,690,693	25,334,790	43.9%	33,835	117,564,362	51,628,232	43.9%	4.4%	
	2002 2003	57,037,339 56,168,870	29,302,138 34,450,204	51.4% 61.3%	33,086 32,351	111,227,687 104,817,319	57,141,673 64,287,887	51.4% 61.3%	4.4% 4.4%	
	2003	55,119,541	42,276,090	76.7%	31,338	98,429,814	75,494,600	76.7%	4.4%	
	2005	53,265,350	47,261,908	88.7%	30,244	91,022,667	80,763,667	88.7%	4.4%	
	2006	51,735,802	49,732,631	96.1%	29,268	84,601,813	81,326,095	96.1%	4.4%	
	2007	50,869,962	58,306,050	114.6%	28,344	79,603,765	91,240,113	114.6%	4.4%	
	2008	49,894,054	73,569,715	147.5%	27,390	74,714,466	110,167,876	147.5%	4.3%	
	2009	48,796,007	80,497,564	165.0%	26,373	69,923,619	115,351,262	165.0%	4.3%	
	2010 2011	47,410,288 46,570,404	94,792,713 98,857,695	199.9% 212.3%	25,304 24,026	65,012,358 61,110,670	129,986,509 129,723,158	199.9% 212.3%	4.3% 4.3%	
	2011	47,493,137	117,297,175	247.0%	22,900	59,637,798	147,291,708	247.0%	4.3%	
	2012	46,771,967	129,002,040	275.8%	21,742	56,203,076	155,014,039	275.8%	4.2%	
	2014	44,951,692	124,958,327	278.0%	20,339	51,689,723	143,688,948	278.0%	4.1%	
	2015	46,261,452	129,213,421	279.3%	18,881	51,027,302	142,524,975	279.3%	4.0%	1.1030
	2016	47,345,480	129,202,902	272.9%	17,522	50,214,429	137,032,089	272.9%	4.0%	
	2017	46,857,050	136,757,910	291.9%	16,265	47,785,002	139,466,250	291.9%	4.0%	
	2018 2019	48,140,376 50,100,767	128,633,536 129,548,175	267.2% 258.6%	15,015 13,571	47,205,522 47,238,311	126,135,560 122,146,574	267.2% 258.6%	4.0% 4.0%	
	2020	59,770,850	126,054,166	210.9%	12,301	54,188,369	114,280,954	210.9%	4.0%	
Projected	2021	54,574,104	124,604,617	228.3%	11,166	47,574,029	108,621,913	228.3%	4.0%	
Future	2022	48,427,340	122,487,236	252.9%	10,079	40,592,013	102,669,349	252.9%	4.0%	
Experience	2023	42,705,185	119,436,051	279.7%	9,046	34,418,920	96,261,377	279.7%	4.0%	
	2024	37,425,950	115,501,674	308.6%	8,074	29,003,882	89,510,003	308.6%	4.0%	
	2025 2026	32,599,826	110,946,053	340.3%	7,166	24,292,110	82,672,641 75,876,089	340.3% 375.2%	4.0%	
	2026	28,226,979 24,298,095	105,898,138 100,382,915	375.2% 413.1%	6,325 5,553	20,224,650 16,740,002	69,158,104	413.1%	4.0% 4.0%	
	2028	20,797,339	94,545,579	454.6%	4,850	13,777,096	62,631,262	454.6%	4.0%	
	2029	17,702,750	88,583,042	500.4%	4,214	11,276,059	56,424,431	500.4%	4.0%	
	2030	14,987,590	82,496,189	550.4%	3,642	9,179,416	50,526,259	550.4%	4.0%	
	2031	12,622,144	76,321,640	604.7%	3,132	7,433,324	44,946,679	604.7%	4.0%	
	2032	10,575,615	70,269,197	664.4%	2,679	5,988,558	39,790,699	664.4%	4.0%	
	2033 2034	8,817,293 7,316,272	64,364,190 58,621,286	730.0% 801.2%	2,281 1,932	4,800,854 3,830,361	35,045,120 30,690,590	730.0% 801.2%	4.0% 4.0%	
	2035	6,041,903	53,052,037	878.1%	1,628	3,041,517	26,706,602	878.1%	4.0%	
	2036	4,965,655	47,662,398	959.8%	1,364	2,403,587	23,070,612	959.8%	4.0%	
	2037	4,061,374	42,606,083	1049.1%	1,137	1,890,266	19,829,944	1049.1%	4.0%	
	2038	3,305,435	37,906,731	1146.8%	942	1,479,262	16,964,180	1146.8%		
	2039	2,676,463	33,487,579	1251.2%	776	1,151,713	14,410,099	1251.2%		
	2040	2,155,450	29,351,025	1361.7%	635	891,842	12,144,318	1361.7%	4.0%	
	2041 2042	1,725,910 1,373,589	25,506,479 21,970,026	1477.9% 1599.5%	516 416	686,649 525,460	10,147,687 8,404,536	1477.9% 1599.5%	4.0% 4.0%	
	2042	1,086,140	18,789,734	1730.0%	333	399,518	6,911,471	1730.0%	4.0%	
	2044	852,963	15,962,939	1871.5%	265	301,680	5,645,850	1871.5%	4.0%	
	2045	665,040	13,431,891	2019.7%	209	226,168	4,567,939	2019.7%	4.0%	
	2046	514,739	11,185,527	2173.0%	163	168,320	3,657,685	2173.0%	4.0%	
	2047	395,446	9,225,162	2332.9%	126	124,338	2,900,618	2332.9%	4.0%	
	2048 2049	301,490 228,086	7,513,375 6,071,013	2492.1% 2661.7%	97 74	91,150 66,305	2,271,529	2492.1% 2661.7%	4.0%	
	2049	171,219	4,877,213	2848.5%	56	47,859	1,764,863 1,363,290	2848.5%	4.0% 4.0%	
	2051	127,545	3,881,679	3043.4%	42	34,281	1,043,285	3043.4%	4.0%	
	2052	94,319	3,063,572	3248.1%	31	24,375	791,731	3248.1%	4.0%	
	2053	69,239	2,398,131	3463.6%	23	17,205	595,922	3463.6%	4.0%	0.2485
	2054	50,467	1,855,265	3676.2%	16	12,058	443,291	3676.2%	4.0%	
	2055	36,538	1,415,040	3872.8%	12	8,395	325,101	3872.8%	4.0%	
	2056 2057	26,282 18,780	1,073,835 805,016	4085.9% 4286.5%	8 6	5,806 3,989	237,221 170,997	4085.9% 4286.5%	4.0%	
	2007	18,780	000,010	4∠00.5%	Ь	3,989	170,997	4Z00.5%	4.0%	0.2122
	Past	1,140,395,531	1,456,576,382	127.7%	634,535	1,941,589,542	1,978,646,468	101.9%		
	Future	550,032,545	2,111,785,435	383.9%	129,898	431,365,220	1,471,756,375	341.2%		
	Lifetime	1,690,428,076	3,568,361,817	211.1%	764,433	2,372,954,762	3,450,402,844	145.4%		

## Attachment 2 Brighthouse Life Insurance Company Nationwide Written Premium and Paid Claim Experience Projections with No Increase LTC3+ Comprehensive Policy Form

Virgina						Loss Ratio De	emonstration				Interest Ra	
Personal Process			14/1/				144.14				Calendar Year	Mid-Year
1962   322												Disc / Accum
1984   3.362.332												Factor
1985 18.403.00 10.03.01 10.03% 0.9% 0.9% 14.811.99 202.102 0.6% 0.9% 0.47% 1.9% 1.9% 0.9% 1.9% 0.9% 0.9% 0.9% 0.9% 0.9% 0.9% 0.9% 0				_				•				2.898
1996   47.777.834   \$283.856   1.1%   0.9%   1.233.2566   1.346.579   1.1%   0.9%   4.4%				•				•				2.773 2.653
1997   97.541,130   1.521,575   2.894   1.776   139.834,227   3.697,673   2.894   1.776   4.494   4.494   1.796   3.551,174   2.807,739   4.894   2.774   3.814,12.623   6.696,073   4.894   2.794   4.494   1.794   2.794   1.794   1.794   1.794   2.794   1.794   1.794   2.794   1.794   1.794   2.794   1.794   1.794   2.794   1.794   1.794   2.794   1.794   2.794   1.794   2.794   1.794   2.794   1.794   2.794   1.794   2.794   1.794   2.794   1.794   2.794							· · ·					2.539
1996							·					2.430
Histonical 1989 58.809,161 4,787,551 5.1% 4,0% 130,072,229 10,554,080 8,1% 3,5% 4,4% preference 2000 57,616,072 6,066,420 11,3% 5,4% 5,4% 12,3% 73,00 12,3% 11,5% 5,5% 4,4% 12,3% 12												2.430
perience 2000 57,916,067 6,066,425 11,3% 5,4% 123,347,03 13,933,400 11,3% 5,1% 4,4% 2001 57,542,227 11,641,341 27,3% 110,450,403 27,72,233 27,72,233 27,73 13,93,74 1	Historical											2.32
2001 57,382,242 10,158,913 17,7% 7,3% 116,886,309 20,702,233 17,7% 9,3% 4,4% 2002 58,676,677 51,674,844 27,3% 10,11% 11,485,466 20,27% 9,3% 4,4% 2002 58,786,568 16,044,200 32,3% 10,10% 20,3% 4,4% 2002 58,786,568 16,044,200 32,3% 11,60% 4,4% 2002 58,786,568 16,044,200 32,3% 11,60% 4,4% 2002 58,786,569 20,277,183 43,3% 17,79% 20,000 57,475,731 20,534,410 38,99% 79,998,102,776 20,000 57,475,731 20,534,410 38,99% 79,998,202,799 39,99% 11,50% 4,4% 2002 59,746,739 20,534,410 38,99% 79,998,202,799 39,99% 11,50% 4,4% 2002 48,587,649 58,542,22% 122,1% 20,50% 4,741,732 33,579,229 39,99% 15,53% 4,4% 2002 47,548,500 57,748,562 20,77% 20												2.129
2002 58,685,417 15,474,841 27.3% 10.1% 110,481,406 30,177,653 27.3% 11.5% 4.4% 2003 58,789,881 18,127,842,209 52.3% 12.7% 10.1% 110,40,631,23 38,85,168 22.3% 11.5% 4.4% 2003 58,789,881 18,127,84 22.0% 12.2% 12.	Experience											2.03
2003 66.799.388 18,024,209 32.394 10.056.123 35.85,166 32.3% 11.6% 4.4% 2016 64.688 20.3% 198 33.4% 15.3% 4.4% 15.3% 4.2% 2016 64.688 20.3% 198 33.4% 15.3% 4.4% 15.3% 4.2% 2016 64.688 20.3% 198 33.4% 15.3% 4.4% 2016 64.688 20.3% 198 33.4% 15.3% 4.4% 2016 64.688 20.3% 198 33.4% 15.3% 4.4% 2016 64.688 20.3% 198 33.4% 15.3% 4.4% 2016 64.688 20.3% 198 33.4% 15.3% 20.3												1.95
2006 58,010.11 22,771.163 43.9% 15.3% 97,764.512 37,768.276 98.4% 13.9% 4.4% 15.0% 4.4% 15.0% 4.4% 15.0% 4.4% 15.0% 4.4% 15.0% 15.14% 15.0% 14.4% 15.0% 15.14% 15.14												1.86
2005 52,610,011 22,771,163 43,9% 17,9% 84,140,73 39,12,676 44,3% 16,0% 44% 2005 51,00,0% 12,00 44,0% 10,0% 1												1.78
2006 51,457,510 20,554,410 38,978 19,778 B4,146,732 33,579,229 39,978 17,678 4,478 2007 50,660,201 10,116,53 20,678 20,79												1.70
2007												1.63
2008												1.56
2009 44,683,917 96,770,105 178,1% 37,3% 89,782,997 124,253,689 178,1% 31,0% 4.3% 2010 47,081,000 54,778,592 2013.7% 46,785,592 2013.7% 46,785,592 2013.7% 46,785,592 2013.7% 46,785,592 2014 46,718,708 77,728,272 166,4% 52,2% 61,305,277 131,346,663 166,4% 42,7% 4.3% 4.3% 2014 46,916,970 113,193,870 246,5% 75,4% 52,2% 61,305,277 131,346,67 102,227 182,5% 44,76% 4.2% 4.3% 2014 46,916,970 113,193,870 246,5% 75,4% 52,788,612 130,161,088 246,5% 684,4% 4.1% 2016 47,405,525 136,155,282 297,1% 92,7% 50,300,385 144,405,766 297,1% 66,9% 4.0% 2016 47,405,625 136,155,282 297,1% 92,7% 50,300,385 144,405,766 297,1% 66,9% 4.0% 2016 47,405,625 136,155,282 207,1% 92,7% 50,300,385 144,405,766 297,1% 66,9% 4.0% 2016 48,407,784 124,285,77 293,45 201,273,200 113,193,870 113,												1.49
2010 47,028.100 95,794,502 203.7% 40,8% 61,498,275 131,346,643 203.7% 37.9% 4.3% 2011 46,747,028 77,726,72 166,4% 53.2% 61,305,777 101,998,643 166,4% 42,7% 4.3% 2012 47,849,204 87,538,811 122,5% 56.9% 50,084,916 108,932,712 122,5% 47,6% 4.2% 2013 40,400,205 30,75,777 21,40,40,500 2013 40,400,205 30,75,777 21,40,400,500 2013 40,400,205 2013 40,400,205 2013 40,400,205 2013 40,400,205 2013 40,400,205 2013 40,400,205 2013 40,400,205 2013 40,400,205 2013 40,400,205 2013 40,400,205 2014 40,400,205 2016 47,400,205 2018 40,400,210 2019 40,500,210 2019 40,500,200 2010 40,400,205 2010 40,400,205 2018 40,400,2												1.43
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2012 47,849,204 87,538,811 182,9% 59,9% 60,084,016 109,023,712 182,9% 47,0% 42% 2013 46,049,026 93,975,577 214,0% 67,3% 56,944,853 119,565,1018 214,9% 52,9% 47,0% 42% 2014 45,915,970 113,193,870 246,5% 76,4% 52,788,542 130,161,059 246,5% 58,4% 41,1% 2016 47,426,525 138,155,222 287,1% 92,7% 50,300,385 414,405,766 22,718,788,22 286,7% 64,2% 40,0% 2016 47,426,525 138,155,222 287,1% 92,7% 50,300,385 414,405,766 22,718,788,22 286,7% 64,2% 40,0% 2016 45,583,101 185,546,570 40,7% 112,39% 42,78%												1.3
2013 46.3481026 99.575.577 214.9% 67.39% 55.684.853 119.654.018 214.95% 52.9% 4.2% 2014 45.915.070 13.93.870 246.5% 57.4% 52.788.624 230.161.059 246.5% 58.4% 4.1% 2015 46.877.288 125.908.696 268.6% 84.0% 51.706.592 138.877.882 268.6% 64.2% 4.0% 2016 47.462.525 136.156.282 225.1% 2017 59.208.695 268.6% 84.0% 51.706.592 138.877.882 288.69% 64.2% 4.0% 2016 47.462.525 136.156.282 225.1% 136.2% 136.208.895 144.0% 51.706.592 138.877.882 288.69% 64.2% 4.0% 2016 47.462.525 136.562.2% 225.1% 136.2% 149.209.179 146.342.266 2267.1% 59.2% 140.0% 2019 45.042.2% 140.276.2% 140.27			· · ·									1.25
2014 45.915.070 113,193.870 246.5% 75.4% 52,786.542 130,161.058 246.5% 58.4% 4.1% 2016 47.426.525 136,156.392 287.1% 92.7% 50,300.386 144.405.768 297.1% 69.9% 4.0% 2017 48.407.281 127.555 293.4% 101.1% 48.400.100 144.405.768 297.1% 69.9% 4.0% 2018 48.04.07.80 127.555 4.0% 20.279.986 416.5% 113.6% 47.105,179 196.390.656 416.3% 63.4% 75.5% 4.0% 20.279.986 416.5% 113.6% 47.105,179 196.390.656 416.3% 63.4% 75.5% 4.0% 20.279.986 416.5% 113.6% 47.105,179 196.390.656 416.3% 63.4% 10.5% 40.5% 113.6% 47.105,179 196.390.656 416.5% 63.4% 40.5% 113.6% 47.105,179 196.390.656 416.5% 63.4% 40.5% 113.6% 47.105,179 196.390.656 416.5% 63.4% 40.5% 113.6% 47.105,179 196.390.656 416.5% 63.4% 40.5% 113.6% 63.4% 113.6% 6												1.20
2016 46,877,288 125,906,959 288,8% 84,0% 51,706,552 138,877,882 268,6% 64.2% 40% 2016 4746,525 318,155,292 287,1% 69,9% 40% 2017 48,440,748 1142,129,527 293,4% 101,1% 49,400,100 144,944,246 293,4% 75.5% 40% 40% 2018 48,042,125 20,279,958 416,9% 101,1% 49,400,100 144,944,246 293,4% 75.5% 40% 40% 2019 45,581,101 185,546,570 407,1% 124,39% 42,978,757 177,4945,559 407,1% 90,1% 40% 40% 2020 49,47,632 116,170,207 40,273,473 44,073 112,203,473,473 44,073,473,473,473,473,473,473,473,473,473,4		2014			246.5%							1.14
2017		2015	46,877,288								4.0%	1.10
2018		2016	47,426,525	136,155,292	287.1%	92.7%	50,300,385	144,405,766	287.1%	69.9%	4.0%	1.0
rojected 2020 45,583,101 185,546,570 407,1% 124,3% 42,787,787 174,945,559 407,1% 90,1% 4,0% perience 2021 36,475,599 142,547,530 407,3% 141,5% 37,123,203 179,576,237 129,493,732 407,3% 100,7% 4,0% perience 2021 36,475,599 142,921,973 442,7% 148,7% 27,060,041 197,971,03 442,7% 100,7% 4,0% 2022 22,83,96,651 136,579,912 481,0% 155,5% 22,985,119 110,078,663 481,0% 108,9% 4,0% 2025 21,559,767 128,374,236 600,1% 162,2% 19,233,409 100,7% 40,0% 2025 21,559,767 128,374,236 600,1% 165,5% 12,033,409 100,7% 40,0% 2025 12,559,767 128,374,236 600,1% 165,2% 40,0% 2026 18,616,817 124,910,043 671,0% 175,23% 100,20% 110,078,663 481,0% 108,9% 4,0% 2026 13,659,767 128,374,236 600,1% 175,23% 100,20% 110,20% 4,0% 2026 13,616,817 142,910,043 671,0% 175,23% 100,20% 100,20% 110,2% 4,0% 2026 13,641,429 114,502,634 750,9% 181,4% 11,101,452 28,263,664 750,05% 122,5% 4,0% 2029 11,579,554 108,683,053 938,7% 198,33% 7,375,788 69,233,634 938,7% 128,1% 4,0% 2029 17,763,161 128,014,414,514 104,524 188,39 48, 28,288,289 104,283 104,383 104,384 104,3		2017	48,440,784	142,129,527	293.4%	101.1%	49,400,100	144,944,246	293.4%	75.5%	4.0%	1.0
Projected 2020 40,447,632 176,170,207 490,2% 134,0% 37,122,03 159,716,254 430,2% 96,1% 40% perience 2021 36,473,599 148,547,550 407,3%		2018	48,042,125	200,279,958	416.9%	113.6%	47,109,179	196,390,656	416.9%	83.4%	4.0%	0.98
Fiture 2021 36.473,599 148,547,509 407,3% 141,5% 31,795,227 129,493,732 407,3% 100,7% 4,0% preince 2022 32,83,94,651 136,579,812 481,0% 155,5% 22,868,119 110,078,663 481,0% 108,9% 4,0% 2023 22,813,96,651 133,263,813 537,0% 162,2% 19,233,490 110,078,663 481,0% 108,9% 4,0% 2025 21,559,767 129,374,236 600,1% 168,8% 16,065,484 98,498,133 671,0% 116,2% 4,0% 2025 11,559,1660 119,934,548 750,5% 181,4% 110,10,452 82,628,064 750,5% 122,5% 4,0% 2029 11,579,554 108,693,053 938,7% 133,38,962 2029 11,579,554 108,693,053 938,7% 133,38,942 12,5% 4,0% 2031 8,210,551 96,343,206 1173,4% 204,2% 4,848,524 56,373,607 1173,4% 132,7% 4,0% 2031 8,210,551 96,343,206 1173,4% 204,2% 4,848,524 56,373,607 1173,4% 132,7% 4,0% 2033 5,704,611 83,610,335 1466,7% 213,9% 3,848,684 19,848,173 131,16% 2033 5,704,611 83,610,335 1466,7% 213,9% 3,848,684 19,849,173 118,57% 136,5% 4,0% 2034 4,720,768 77,299,606 1637,4% 218,2% 4,247,541 14,502,634 14,496,320,33 1,867,53 56,018,619 20,336,78 22,376 14,496,320,33 1,867,53 56,018,619 20,365 1828,5% 22,3% 135,704,611 83,610,335 1466,7% 213,9% 3,106,056 45,524,619 1465,7% 136,5% 4,0% 2035 3,887,942 71,092,365 1828,5% 22,3% 135,720,5 13,877,734 1828,5% 139,6% 4,0% 2036 3,186,753 6,018,149 3,384,886 223,7% 944,145 22,341,541 14,541,4463 226,244,56 236,444,4463 226,446,446,446,446,446,446,446,446,446,		2019	45,583,101	185,546,570	407.1%	124.3%	42,978,757	174,945,559	407.1%	90.1%	4.0%	0.9
Peperience   2022   32,283,365   142,271,097   442,77%   148,77%   27,060,061   119,777,103   442,77%   105,07%   4.0%   2024   24,818,354   133,626,813   537,07%   162,25%   22,885,103   100,277,4922   537,07%   112,67%   4.0%   2026   12,569,757   129,374,236   600,17%   168,8%   16,065,484   69,404,599   600,17%   116,57%   4.0%   2026   18,616,817   124,910,043   671,07%   118,47%   119,1334,962   28,688,133   671,07%   119,57%   4.0%   2028   13,641,429   114,650,634   839,47%   193,37%   133,389,962   28,688,133   671,07%   112,57%   4.0%   2028   13,641,429   114,650,634   839,47%   193,37%   7,375,769   69,233,843   938,77%   128,17%   4.0%   2029   11,579,654   108,690,053   938,7%   193,37%   7,375,769   69,233,843   938,77%   128,17%   4.0%   2033   9,776,316   102,601,464   104,95%   204,22%   4.835,267   56,373,607   173,44%   132,77%   4.0%   2032   6,860,662   89,989,272   311,16%   201,239,40   311,67%   2033   5,704,611   83,610,935   1455,77%   213,97%   2033   4,720,768   77,299,060   1657,47%   213,97%   2034   4,720,768   77,196,365   1623,48%   222,38%   1,557,263   31,474,476   2040,37%   136,57%   4,0%   2033   3,186,6753   65,161,042   2040,37%   222,78%   1,547,252   31,471,476   2040,37%   136,57%   4,0%   2039   2,109,709   53,488,415   222,78%   1,547,252   31,471,476   2040,37%   143,57%   4,0%   2039   2,109,709   53,488,415   222,48%   225,67%   331,355   314,57%   44,0%   4,0%   2042   266,283   3,23,2366   33,23,366   33,2	Projected							, ,				0.9
2023	Future											0.8
2024 24, 818,354 133,268,613 537,0% 162,2% 19,233,409 103,274,922 537,0% 112,6% 4,0% 2026 18,616,817 124,910,043 671,0% 175,2% 13,338,962 88,498,133 671,0% 119,5% 4,0% 2026 18,616,817 124,910,043 671,0% 1175,2% 13,338,962 88,498,133 671,0% 119,5% 4,0% 2028 13,814,429 114,502,634 839,4% 187,5% 9,036,699 75,561,717 839,4% 125,5% 4,0% 2030 9,763,316 102,801,449 104,95% 198,99% 133,575,88 69,233,834 938,7% 125,5% 4,0% 2030 9,763,316 102,801,449 1049,5% 198,99% 15,987,679 62,240,003 1049,5% 130,5% 4,0% 2031 8,210,551 96,343,206 1173,4% 204,2% 4,855,287 56,737,607 1173,4% 132,7% 4,0% 2032 6,860,562 89,983,272 1311,6% 209,2% 3,884,868 50,954,009 1311,6% 134,7% 4,0% 2034 4,720,768 77,299,000 1837,4% 218,2% 2,471,511 40,469,153 165,7% 138,15% 2034 4,720,768 77,299,000 1837,4% 218,2% 2,471,511 40,469,153 165,7% 138,15% 204,0% 2035 3,887,93,27 74,000,235 182,86% 22,24% 22,24% 12,24,14,151 40,469,153 165,74% 138,15% 4,0% 2036 3,886,733 65,018,042 2040,3% 226,15% 15,252,23 14,174,76 2040,3% 140,95% 2038 2,109,709 53,489,415 2536,8% 223,7% 44,14,163 20,944 1,091,889 85,301,123 300,774,344 30,77,866 314,55% 236,6% 245,69 144,65 20,34 140,95% 2040 1,367,774 43,077,866 314,65% 235,6% 344,405 12,385,000 10,138,577 44,07,766 344,48,56 236,59 1,169,48,49 3,301,123 30,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124 40,301,124	Experience		, ,					, ,				0.83
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2026 18,616,817 124,910,043 671,0% 175,2% 13,338,962 89,498,133 671,0% 119,5% 4,0% 2027 15,981,660 119,934,548 75,05% 1814,50 110,0452 82,628,064 750,5% 122,5% 4,0% 2028 13,641,429 114,502,634 839,4% 187,5% 9,036,699 75,861,717 839,4% 125,4% 4,0% 2029 1,757,955 1 108,693,053 938,7% 193,3% 735,788 69,238,34 938,7% 125,4% 4,0% 2030 9,776,316 102,601,464 1049,5% 188,9% 5,987,679 62,840,093 1048,5% 130,5% 4,0% 2031 8,210,551 98,343,006 1173,4% 204,2% 435,827 56,737,607 1173,4% 132,7% 4,0% 2032 6,860,562 89,983,272 1311,6% 209,2% 3,884,868 50,964,009 1311,6% 134,7% 4,0% 2034 4,720,768 77,299,060 1637,4% 218,2% 2471,511 40,469,153 1837,4% 138,1% 4,0% 2034 4,720,768 77,299,060 1637,4% 218,2% 2471,511 40,469,153 1837,4% 138,1% 4,0% 2036 3,867,607 27,209,266 128,5% 202,3% 136,753 65,18,042 2040,3% 2056 3,186,753 65,18,042 2040,3% 2056 13,186,753 65,18,042 2040,3% 2056 13,186,753 65,18,042 2040,3% 2056 18,18,2% 2039 2,109,708 53,488,415 2538,87 8,22,27% 144,52,23 31,471,476 2040,3% 140,9% 4,0% 2038 2,109,708 53,488,415 2538,87 8,22,27% 144,52,23 31,471,476 2040,3% 140,9% 4,0% 2039 2,109,708 53,488,415 2538,87 8,22,27% 144,52,23 31,471,476 2040,3% 140,9% 4,0% 2039 1,703,415 48,144,633 2826,4% 23,56% 733,000 20,717,343 2826,4% 140,9% 2040 1,367,774 43,077,966 3149,5% 245,5% 204,5% 2041 1,991,809 33,001,123 3507,8% 204,5% 204,13 882,747 2,966,4210 4344,8% 244,5% 251,137 10,911,454 434,8% 146,2% 4,0% 2041 1,991,809 33,001,23 3507,8% 204,5% 434,406 43,406 43,406 43,406 43,406 43,406 43,406 43,406 43,406 43,406 43,406 43,406 44,406 2041 1,991,809 33,001,23 3507,8% 204,5% 44,406 23,407,406 43,406 43,406 44,406 204,4												0.77
2027   15,981,660   119,934,548   750,5%   181,4%   11,010,452   82,628,064   750,5%   122,5%   4,0%   2029   11,579,554   108,693,053   938,7%   193,3%   7,375,788   69,233,834   938,7%   128,1%   4,0%   2030   9,776,316   102,801,464   104,57%   198,9%   5987,679   62,2840,093   104,95%   130,5%   4,0%   2031   8,210,551   96,343,206   1173,4%   204,2%   4,835,287   56,737,607   1173,4%   132,7%   4,0%   2032   6,860,562   89,893,272   1311,6%   209,2%   3,884,868   50,984,009   1311,6%   134,7%   4,0%   2033   5,704,611   33,610,935   1465,7%   218,2%   2,471,511   40,469,153   163,74%   136,5%   4,0%   2034   4,720,768   77,299,060   1637,4%   218,2%   2,471,511   40,469,153   1637,4%   138,1%   4,0%   2035   3,867,942   71,092,865   182,55%   222,3%   1,977,205   35,786,173   182,5%   139,6%   2036   3,186,753   55,016,042   2040,3%   226,1%   1,542,523   31,471,476   2040,3%   410,9%   4,0%   2038   2,109,708   53,498,415   2535,87%   232,7%   944,145   23,941,836   2535,87%   143,0%   4,0%   2040   1,367,774   43,077,966   3149,5%   238,2%   565,330,00   20,717,343   286,4%   245,6%   2041   1,091,893   33,803,366   3904,5%   242,5%   313,867   149,39,579   314,57%   446,7%												0.74
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2057     11,396     2,177,383     19106.9%     253.7%     2,421     462,507     19106.9%     148.2%     4.0%       Past     1,157,155,587     1,169,423,090     101.1%     1,983,762,884     1,498,001,503     75.5%       Future     392,896,885     2,763,638,902     703.4%     313,970,922     1,906,646,123     607.3%												0.2
Past 1,157,155,587 1,169,423,090 101.1% 1,983,762,884 1,498,001,503 75.5% Future 392,896,885 2,763,638,902 703.4% 313,970,922 1,906,646,123 607.3%												0.2
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Future 392,896,885 2,763,638,902 703.4% 313,970,922 1,906,646,123 607.3%		Past	1,157,155,587	1.169.423.090	101.1%		1.983.762.884	1,498,001,503	75.5%			
		Lifetime			253.7%				148.2%			

## Attachment 2 Brighthouse Life Insurance Company Nationwide Written Premium and Paid Claim Experience Projections with 56.1% Increase LTC3+ Comprehensive Policy Form

					Loss Ratio De	emonstration				Interest Rat	e Factors
			Without In	1			With Into			Calendar Year	Mid-Year
	Calendar	Written	Paid	Loss	Accumulated	Written	Paid	Loss	Accumulated	Effective	Disc / Accum
	Year 1993	Premium 323	Claims 0	Ratio 0.0%	Loss Ratio 0.0%	Premium 937	Claims 0	Ratio 0.0%	Loss Ratio 0.0%	Int Rate 4.4%	Factor 2.8980
	1994	3,362,932	0	0.0%	0.0%	9,326,143	0	0.0%	0.0%		2.7732
	1995	18,430,800	106,301	0.6%	0.5%	48,911,599	282,102	0.6%	0.5%		2.6538
	1996	47,777,834	529,856	1.1%	0.9%	121,332,696	1,345,579	1.1%	0.9%	4.4%	2.5395
	1997	57,541,130	1,521,575	2.6%	1.7%	139,834,227	3,697,673	2.6%	1.7%	4.4%	2.4302
	1998	59,519,174	2,836,739	4.8%	2.7%	138,412,625	6,596,875	4.8%	2.6%	4.4%	2.3255
Historical	1999	58,809,161	4,787,551	8.1%	4.0%	130,872,229	10,654,080	8.1%	3.8%		2.2254
Experience	2000 2001	57,916,067 57,362,422	6,566,426 10,158,913	11.3% 17.7%	5.4% 7.3%	123,334,703 116,895,399	13,983,480 20,702,233	11.3% 17.7%	5.1% 6.9%	4.4% 4.4%	2.1295 2.0378
	2002	56,645,417	15,474,841	27.3%	7.3 <i>%</i> 10.1%	110,463,406	30,177,263	27.3%	9.3%		1.9501
	2003	55,759,358	18,024,209	32.3%	12.7%	104,053,123	33,635,166	32.3%	11.6%		1.8661
	2004	54,466,986	20,934,196	38.4%	15.3%	97,264,512	37,383,276	38.4%	13.9%	4.4%	1.7858
	2005	52,610,011	22,771,163	43.3%	17.9%	89,902,789	38,912,576	43.3%	16.0%	4.4%	1.7089
	2006	51,457,510	20,534,410	39.9%	19.7%	84,146,732	33,579,229	39.9%	17.6%		1.6353
	2007	50,659,291	15,011,653	29.6%	20.4%	79,274,097	23,490,957	29.6%	18.3%		1.5648
	2008	49,547,649	65,442,252	132.1%	28.0%	74,195,737	97,997,307	132.1%	24.0%		1.4975
	2009	48,683,917	86,710,105	178.1%	37.3%	69,762,997	124,253,699	178.1%	31.0%	4.3%	1.4330
	2010 2011	47,028,100 46,718,708	95,784,592 77,728,272	203.7% 166.4%	46.8% 53.2%	64,488,275 61,305,277	131,346,643 101,996,683	203.7% 166.4%	37.9% 42.7%	4.3% 4.3%	1.3713 1.3122
	2012	47,849,204	87,538,811	182.9%	53.2% 59.9%	60,084,916	109,923,712	182.9%	42.7% 47.6%		1.2557
	2013	46,349,026	99,575,577	214.8%	67.3%	55,694,853	119,654,018	214.8%	52.8%		1.2016
	2014	45,915,970	113,193,870	246.5%	75.4%	52,798,542	130,161,058	246.5%	58.4%	4.1%	1.1499
	2015	46,877,288	125,906,959	268.6%	84.0%	51,706,582	138,877,882	268.6%	64.2%	4.0%	1.1030
	2016	47,426,525	136,155,292	287.1%	92.7%	50,300,385	144,405,766	287.1%	69.9%	4.0%	1.0606
	2017	48,440,784	142,129,527	293.4%	101.1%	49,400,100	144,944,246	293.4%	75.5%	4.0%	1.0198
	2018	48,055,796	200,279,958	416.8%	113.6%	47,122,584	196,390,656	416.8%	83.4%		0.9806
	2019	54,501,750	185,368,826	340.1%	123.4%	51,387,849 53,442,645	174,777,970	340.1%	89.8%	4.0%	0.9429
Projected	2020 2021	58,584,272 52,546,735	174,839,596 145,739,446	298.4% 277.4%	131.2% 136.8%	53,112,615 45,806,705	158,509,919 127,045,833	298.4% 277.4%	95.0% 98.8%	4.0% 4.0%	0.9066 0.8717
Future	2022	46,509,175	138,980,616	298.8%	142.1%	38,984,199	116,494,173	298.8%	102.3%	4.0%	0.8382
Experience	2023	40,906,221	131,972,624	322.6%	147.2%	32,969,016	106,365,427	322.6%	105.5%	4.0%	0.8060
,	2024	35,753,541	128,318,902	358.9%	152.3%		99,442,934	358.9%	108.6%		0.7750
	2025	31,058,719	124,271,392	400.1%	157.3%	23,143,738	92,602,160	400.1%	111.5%		0.7452
	2026	26,818,782	119,779,364	446.6%	162.3%		85,821,997	446.6%	114.3%		0.7165
	2027	23,022,360	114,841,257	498.8%	167.2%		79,119,077	498.8%	116.9%		0.6889
	2028	19,650,904	109,498,183	557.2%	172.0%		72,536,542	557.2%	119.3%		0.6624
	2029 2030	16,680,520 14,082,780	103,820,528 97,896,197	622.4% 695.1%	176.7% 181.2%	, ,	66,130,199 59,958,268	622.4% 695.1%	121.6% 123.7%		0.6370 0.6125
	2031	11,827,183	91,834,787	776.5%	185.5%		54,082,548	776.5%	125.6%		0.5889
	2032	9,882,456	85,695,322	867.1%	189.6%		48,525,911	867.1%	127.3%		0.5663
	2033	8,217,274	79,560,584	968.2%	193.5%		43,319,278	968.2%	128.9%		0.5445
	2034	6,800,037	73,498,104	1080.8%	197.1%	3,560,092	38,479,200	1080.8%	130.3%	4.0%	0.5235
	2035	5,600,354	67,548,681	1206.2%	200.5%		34,004,269	1206.2%	131.6%		0.5034
	2036	4,590,307	61,736,683	1344.9%	203.6%		29,883,160	1344.9%	132.7%		0.4840
	2037	3,744,198	56,113,492	1498.7%	206.5%		26,116,632	1498.7%	133.7%		0.4654
	2038	3,038,865	50,739,730	1669.7%	209.2%		22,707,258 19,638,947	1669.7%	134.6%		0.4475
	2039 2040	2,453,623 1,970,154	45,638,881 40,816,406	1860.1% 2071.7%	211.6% 213.7%	1,055,823 815,174	16,888,249	1860.1% 2071.7%	135.4% 136.0%		0.4303 0.4138
	2041	1,572,763	36,274,733	2306.4%	215.7%	625,720	14,431,808	2306.4%	136.6%		0.3978
	2042	1,247,766	32,021,279	2566.3%	217.4%		12,249,599	2566.3%	137.1%		0.3825
	2043	983,428	28,073,632	2854.7%	219.0%		10,326,388	2854.7%	137.5%		0.3678
	2044	769,724	24,446,897	3176.1%	220.3%	272,240	8,646,498	3176.1%	137.8%		0.3537
	2045	598,185	21,142,106	3534.4%	221.5%		7,190,042	3534.4%	138.1%		0.3401
	2046	461,505	18,155,130	3933.9%	222.5%	150,913	5,936,756	3933.9%	138.3%		0.3270
	2047	353,399	15,468,568	4377.1%	223.4%	111,117	4,863,698	4377.1%	138.5%		0.3144
	2048 2049	268,577 202,560	13,071,356 10,953,198	4866.9% 5407.4%	224.1% 224.7%	81,199 58,885	3,951,880 3,184,130	4866.9% 5407.4%	138.7% 138.8%		0.3023 0.2907
	2050	202,560 151,610	9,108,396	6007.8%	224.7% 225.3%	42,378	2,546,000	6007.8%	138.9%		0.2907
	2051	112,628	7,520,984	6677.7%	225.7%	30,271	2,021,426	6677.7%	139.0%		0.2688
	2052	83,070	6,167,007	7423.8%	226.0%	21,468	1,593,765	7423.8%	139.1%		0.2584
	2053	60,841	5,021,751	8253.9%	226.3%	15,119	1,247,877	8253.9%	139.1%		0.2485
	2054	44,257	4,060,908	9175.7%	226.6%	10,575	970,301	9175.7%	139.2%	4.0%	0.2389
	2055	31,990	3,259,460	10189.1%	226.7%	7,350	748,851	10189.1%	139.2%		0.2297
	2056	22,984	2,596,936	11298.8%	226.9%	5,077	573,691	11298.8%	139.2%		0.2209
	2057	16,414	2,054,780	12518.3%	227.0%	3,487	436,464	12518.3%	139.2%	4.0%	0.2124
	Past	1,157,155,587	1,169,423,090	101.1%		1,983,762,884	1,498,001,503	75.5%			
	Future	533,277,709	2,668,186,676	500.3%		420,667,624	1,849,759,780	439.7%			
	Lifetime	1,690,433,296	3,837,609,767	227.0%		2,404,430,508	3,347,761,282	139.2%			
		.,550,100,200	3,001,000,101	221.070		_, .5 1, 150,000	0,0 ,. 01,202	100.270			

## Attachment 3 Brighthouse Life Insurance Company Pennsylvania Earned Premium and Incurred Claim Experience Projections with No Increase LTC3+ Comprehensive Policy Form

				Loss R	atio Demonstra	ation			Interest Ra	
	Calandar		ithout Interest	Laca	1 :40	Гашал	With Interest	Lana	Calendar Year	Mid-Year
	Calendar Year	Earned Premium	Incurred Claims	Loss Ratio	Life Years	Earned Premium	Incurred Claims	Loss Ratio	Effective Int Rate	Disc / Accum Factor
	1993	0	0	0.0%	0	0	0	0.0%	0.0%	
	1994	32,188	0	0.0%	101	89,264	0	0.0%	4.4%	
	1995	453,861	0	0.0%	547	1,204,456	0	0.0%	4.4%	
	1996	1,411,715	0	0.0%	1,508	3,585,076	0	0.0%	4.4%	2.5395
	1997 1998	2,289,276	53,011	2.3%	1,456 1,421	5,563,309 5,180,764	128,825	2.3%	4.4%	2.4302
Historical	1998	2,227,794 2,195,095	296,145 144,321	13.3% 6.6%	1,421	5,180,764 4,884,903	688,689 321,168	13.3% 6.6%	4.4% 4.4%	2.3255 2.2254
Experience	2000	2,135,556	119,021	5.6%	1,349	4,547,756	253,460	5.6%	4.4%	2.1295
Ехропопоо	2001	2,099,491	697,906	33.2%	1,319	4,278,426	1,422,221	33.2%	4.4%	2.0378
	2002	2,052,476	686,547	33.4%	1,284	4,002,505	1,338,825	33.4%	4.4%	1.9501
	2003	2,000,270	362,045	18.1%	1,250	3,732,724	675,617	18.1%	4.4%	1.8661
	2004	1,950,301	2,007,192	102.9%	1,224	3,482,754	3,584,346	102.9%	4.4%	1.7858
	2005	1,922,679	1,288,642	67.0%	1,200	3,285,577	2,202,101	67.0%	4.4%	1.7089
	2006	1,884,756	2,104,002	111.6%	1,173	3,082,078	3,440,604	111.6%	4.4%	1.6353
	2007	1,859,479	1,317,713	70.9%	1,142	2,909,802	2,062,021	70.9%	4.4%	1.5648
	2008 2009	1,818,741 1,792,551	1,741,592 1,628,230	95.8% 90.8%	1,111 1,087	2,723,496 2,568,686	2,607,969 2,333,219	95.8% 90.8%	4.3% 4.3%	1.4975 1.4330
	2010	1,760,207	1,855,662	105.4%	1,051	2,413,721	2,533,219	105.4%	4.3%	1.3713
	2010	1,772,109	2,615,987	147.6%	1,009	2,325,399	3,432,753	147.6%	4.3%	1.3122
	2012	1,814,440	2,743,256	151.2%	965	2,278,418	3,444,745	151.2%	4.2%	1.2557
	2013	1,777,133	3,370,649	189.7%	919	2,135,475	4,050,307	189.7%	4.2%	1.2016
	2014	1,699,171	4,160,427	244.9%	869	1,953,868	4,784,054	244.9%	4.1%	1.1499
	2015	1,792,599	5,801,753	323.7%	813	1,977,273	6,399,449	323.7%	4.0%	1.1030
	2016	1,839,131	3,763,998	204.7%	754	1,950,575	3,992,082	204.7%	4.0%	1.0606
	2017	1,779,327	4,859,113	273.1%	691	1,814,564	4,955,342	273.1%	4.0%	
	2018 2019	1,827,209 1,795,272	5,115,807 5,240,234	280.0% 291.9%	641 591	1,791,725 1,692,701	5,016,462 4,940,838	280.0% 291.9%	4.0% 4.0%	0.9806 0.9429
	2019	1,634,298	5,240,234	325.1%	542	1,481,658	4,816,202	325.1%	4.0%	0.9066
Projected	2021	1,469,827	5,342,999	363.5%	494	1,281,296	4,657,667	363.5%	4.0%	0.8717
Future	2022	1,314,042	5,309,674	404.1%	448	1,101,436	4,450,593	404.1%	4.0%	0.8382
Experience	2023	1,167,824	5,227,389	447.6%	404	941,227	4,213,097	447.6%	4.0%	0.8060
·	2024	1,031,868	5,110,562	495.3%	363	799,663	3,960,518	495.3%	4.0%	0.7750
	2025	906,618	4,959,659	547.1%	324	675,576	3,695,743	547.1%	4.0%	0.7452
	2026	792,139	4,787,958	604.4%	288	567,568	3,430,575	604.4%	4.0%	
	2027	688,317	4,587,529	666.5%	254	474,211	3,160,546	666.5%	4.0%	
	2028	594,918	4,366,881	734.0%	224	394,101	2,892,820	734.0%	4.0%	
	2029 2030	511,492 437,466	4,142,875 3,908,755	810.0% 893.5%	196 170	325,803 267,934	2,638,873 2,393,987	810.0% 893.5%	4.0% 4.0%	
	2030	372,193	3,661,600	983.8%	147	219,189	2,156,358	983.8%	4.0%	
	2032	314,960	3,413,946	1083.9%	127	178,350	1,933,184	1083.9%	4.0%	
	2033	265,138	3,165,840	1194.0%	109	144,363	1,723,742	1194.0%	4.0%	
	2034	222,091	2,915,510	1312.8%	92	116,273	1,526,386	1312.8%	4.0%	
	2035	185,123	2,667,070	1440.7%	78	93,192	1,342,613	1440.7%	4.0%	
	2036	153,526	2,419,160	1575.7%	66	74,313	1,170,976	1575.7%	4.0%	
	2037	126,677	2,178,414	1719.7%	55	58,959	1,013,889	1719.7%	4.0%	
	2038	104,016	1,957,725	1882.1%	46	46,550	876,129	1882.1%	4.0%	
	2039	85,009	1,755,969	2065.6%	38	36,580	755,614	2065.6%	4.0%	
	2040 2041	69,132 55,940	1,558,953 1,374,001	2255.1% 2456.2%	31 26	28,604 22,256	645,034 546,643	2255.1% 2456.2%	4.0% 4.0%	
	2041	45,051	1,207,222	2679.7%	21	17,234	461,817	2679.7%	4.0%	
	2043	36,116	1,055,058	2921.3%	17	13,285	388,084	2921.3%	4.0%	
	2044	28,817	919,278	3190.1%	14	10,192	325,135	3190.1%	4.0%	
	2045	22,881	797,107	3483.7%	11	7,781	271,081	3483.7%	4.0%	
	2046	18,087	688,745	3808.0%	9	5,914	225,221	3808.0%	4.0%	0.3270
	2047	14,237	591,376	4153.8%	7	4,477	185,943	4153.8%	4.0%	
	2048	11,158	499,779	4479.0%	5	3,373	151,099	4479.0%	4.0%	
	2049	8,702	419,797	4823.9%	4	2,530	122,036	4823.9%	4.0%	
	2050 2051	6,748 5,196	351,045 291,291	5202.2% 5606.6%	3	1,886	98,125 78,201	5202.2% 5606.6%	4.0% 4.0%	
	2051	3,970	239,626	6035.3%	3	1,396 1,026	78,291 61,928	6035.3%	4.0%	
	2052	3,970	239,626 197,222	6560.8%	2 2	747	49,009	6560.8%	4.0%	
	2054	2,250	160,172	7120.2%	1	537	38,271	7120.2%	4.0%	
	2055	1,662	125,846	7570.5%	1	382	28,913	7570.5%	4.0%	
	2056	1,210	98,200	8112.6%	il	267	21,693	8112.6%	4.0%	
	2057	866	74,911	8648.1%	0	184	15,912	8648.1%	4.0%	0.2124
	Past	42,360,346	41,617,213	98.2%	25,638	71,970,867	54,662,413	76.0%		
	Future Lifetime	16,335,052	98,197,555 130,814,768	601.1% 238.2%	5,854	12,884,740	66,481,047	516.0% 142.8%		
	LIIGUIIIE	58,695,398	139,814,768	۷۵۵.۷%	31,492	84,855,607	121,143,459	142.0%		

## Attachment 3 Brighthouse Life Insurance Company Pennsylvania Earned Premium and Incurred Claim Experience Projections with 56.1% Increase LTC3+ Comprehensive Policy Form

				Loss R	atio Demonstra	ation			Interest Ra	
	Calamdan		ithout Interest		1 :40	Гашал	With Interest	Lana	Calendar Year	Mid-Year
	Calendar Year	Earned Premium	Incurred Claims	Loss Ratio	Life Years	Earned Premium	Incurred Claims	Loss Ratio	Effective Int Rate	Disc / Accum Factor
	1993	0	0	0.0%	0	0	0	0.0%	0.0%	
	1994	32,188	0	0.0%	101	89,264	0	0.0%	4.4%	
	1995	453,861	0	0.0%	547	1,204,456	0	0.0%	4.4%	
	1996	1,411,715	0	0.0%	1,508	3,585,076	0	0.0%	4.4%	2.5395
	1997 1998	2,289,276 2,227,794	53,011 296,145	2.3% 13.3%	1,456 1,421	5,563,309 5,180,764	128,825 688,689	2.3% 13.3%	4.4% 4.4%	2.4302 2.3255
Historical	1999	2,195,095	144,321	6.6%	1,395	4,884,903	321,168	6.6%	4.4%	2.2254
Experience	2000	2,135,556	119,021	5.6%	1,349	4,547,756	253,460	5.6%	4.4%	2.1295
1	2001	2,099,491	697,906	33.2%	1,319	4,278,426	1,422,221	33.2%	4.4%	2.0378
	2002	2,052,476	686,547	33.4%	1,284	4,002,505	1,338,825	33.4%	4.4%	1.9501
	2003	2,000,270	362,045	18.1%	1,250	3,732,724	675,617	18.1%	4.4%	1.8661
	2004 2005	1,950,301	2,007,192	102.9% 67.0%	1,224	3,482,754	3,584,346	102.9% 67.0%	4.4%	1.7858 1.7089
	2006	1,922,679 1,884,756	1,288,642 2,104,002	111.6%	1,200 1,173	3,285,577 3,082,078	2,202,101 3,440,604	111.6%	4.4% 4.4%	1.6353
	2007	1,859,479	1,317,713	70.9%	1,142	2,909,802	2,062,021	70.9%	4.4%	1.5648
	2008	1,818,741	1,741,592	95.8%	1,111	2,723,496	2,607,969	95.8%	4.3%	1.4975
	2009	1,792,551	1,628,230	90.8%	1,087	2,568,686	2,333,219	90.8%	4.3%	1.4330
	2010	1,760,207	1,855,662	105.4%	1,051	2,413,721	2,544,616	105.4%	4.3%	1.3713
	2011	1,772,109	2,615,987	147.6%	1,009	2,325,399	3,432,753	147.6%	4.3%	1.3122
	2012	1,814,440	2,743,256	151.2%	965	2,278,418	3,444,745	151.2%	4.2%	1.2557
	2013 2014	1,777,133 1,699,171	3,370,649 4,160,427	189.7% 244.9%	919 869	2,135,475 1,953,868	4,050,307 4,784,054	189.7% 244.9%	4.2% 4.1%	1.2016 1.1499
	2014	1,792,599	4,160,427 5,801,753	244.9% 323.7%	813	1,953,868	4,784,054 6,399,449	244.9% 323.7%	4.1% 4.0%	1.1499
	2016	1,839,131	3,763,998	204.7%	754	1,950,575	3,992,082	204.7%	4.0%	1.0606
	2017	1,779,327	4,859,113	273.1%	691	1,814,564	4,955,342	273.1%	4.0%	
	2018	1,827,209	5,115,807	280.0%	641	1,791,725	5,016,462	280.0%	4.0%	0.9806
<b>5</b>	2019	1,908,354	5,208,733	272.9%	581	1,799,322	4,911,138	272.9%	4.0%	0.9429
Projected	2020	2,305,610	5,118,165	222.0%	529	2,090,271	4,640,138	222.0%	4.0%	0.9066
Future Experience	2021 2022	2,117,086 1,892,699	5,127,691 5,089,517	242.2% 268.9%	483 438	1,845,533 1,586,469	4,469,976 4,266,056	242.2% 268.9%	4.0% 4.0%	0.8717 0.8382
Expendice	2022	1,682,099	5,009,517	297.5%	395	1,355,709	4,033,626	297.5%	4.0%	0.8060
	2024	1,486,265	4,887,372	328.8%	355	1,151,807	3,787,553	328.8%	4.0%	0.7750
	2025	1,305,861	4,737,994	362.8%	317	973,076	3,530,567	362.8%	4.0%	0.7452
	2026	1,140,968	4,569,318	400.5%	281	817,504	3,273,919	400.5%	4.0%	
	2027	991,426	4,373,795	441.2%	249	683,036	3,013,295	441.2%	4.0%	
	2028	856,899	4,159,589	485.4%	219	567,649	2,755,500	485.4%	4.0%	
	2029 2030	736,734 630,111	3,942,805 3,716,983	535.2% 589.9%	191 166	469,275 385,923	2,511,435 2,276,532	535.2% 589.9%	4.0% 4.0%	
	2030	536,094	3,479,338	649.0%	144	315,712	2,049,022	649.0%	4.0%	
	2032	453,658	3,241,721	714.6%	124	256,889	1,835,660	714.6%	4.0%	
	2033	381,895	3,004,145	786.6%	106	207,935	1,635,702	786.6%	4.0%	
	2034	319,891	2,764,908	864.3%	90	167,476	1,447,540	864.3%	4.0%	
	2035	266,644	2,527,886	948.0%	77	134,230	1,272,548	948.0%	4.0%	
	2036	221,134	2,291,730	1036.4%	64	107,038	1,109,294	1036.4%	4.0%	
	2037 2038	182,461 149,821	2,062,647 1,852,835	1130.5% 1236.7%	54 45	84,922 67,049	960,008 829,188	1130.5% 1236.7%	4.0% 4.0%	
	2039	122,444	1,661,191	1356.7%	37	52,689	714,830	1356.7%	4.0%	
	2040	99,575	1,474,256	1480.6%	31	41,200	609,990	1480.6%	4.0%	
	2041	80,575	1,298,914	1612.1%	25	32,056	516,769	1612.1%	4.0%	
	2042	64,890	1,140,879	1758.2%	20	24,823	436,438	1758.2%	4.0%	
	2043	52,020	996,778	1916.1%	17	19,135	366,647	1916.1%	4.0%	
	2044	41,507	868,262	2091.9%	13	14,680	307,091	2091.9%	4.0%	
	2045 2046	32,957 26,051	752,686 650,211	2283.8% 2495.9%	11 9	11,208 8,519	255,975 212,620	2283.8% 2495.9%	4.0% 4.0%	
	2046	20,507	558,167	2495.9% 2721.9%	9	6,448	212,620 175,501	2495.9% 2721.9%	4.0%	
	2048	16,072	471,621	2934.4%	5	4,859	142,586	2934.4%	4.0%	
	2049	12,535	396,074	3159.8%	4	3,644	115,140	3159.8%	4.0%	
	2050	9,720	331,152	3407.0%	3	2,717	92,564	3407.0%	4.0%	0.2795
	2051	7,483	274,742	3671.3%	3	2,011	73,843	3671.3%	4.0%	
	2052	5,719	225,980	3951.5%	2	1,478	58,401	3951.5%	4.0%	
	2053 2054	4,330 3,240	185,967 151,013	4295.0% 4660.7%	1	1,076 774	46,212 36,083	4295.0% 4660.7%	4.0% 4.0%	
	2054 2055	3,240 2,394	118,637	4954.9%	1 1	774 550	27,256	4954.9%	4.0% 4.0%	
	2056	1,743	92,565	5309.2%	1	385	20,449	5309.2%	4.0%	
	2057	1,248	70,606	5659.0%	Ö	265	14,998	5659.0%	4.0%	0.2124
	Past	42,360,346	41,617,213	98.2%	25,638	71,970,867	54,662,413	76.0%		
	Future	42,360,346 21,997,922	93,997,392	427.3%	25,636 5,740	17,087,067	63,848,552	76.0% 373.7%		
	Lifetime	64,358,267	135,614,606	210.7%	31,378	89,057,933	118,510,965	133.1%		

## Attachment 4 Brighthouse Life Insurance Company Pennsylvania Written Premium and Paid Claim Experience Projections with No Increase LTC3+ Comprehensive Policy Form

					Loss Ratio De	emonstration				Interest Ra	
		<b>NA</b> 111	Without In			144.50	With Inte		A 1 1	Calendar Year	Mid-Year
	Calendar Year	Written	Paid Claims	Loss Ratio	Accumulated Loss Ratio	Written Premium	Paid Claims	Loss Ratio	Accumulated Loss Ratio	Effective Int Rate	Disc / Accum Factor
	1993	Premium 0	Olaims 0	0.0%	0.0%	0	Ciairis 0	0.0%	0.0%	0.0%	0.000
	1994	102,334	0	0.0%	0.0%	283,795	0	0.0%	0.0%	4.4%	2.773
	1995	661,683	0	0.0%	0.0%	1,755,971	0	0.0%	0.0%	4.4%	2.653
	1996	1,956,014	0	0.0%	0.0%	4,967,334	0	0.0%	0.0%	4.4%	2.539
	1997	2,260,496	13,332	0.6%	0.3%	5,493,371	32,398	0.6%	0.3%	4.4%	2.430
	1998	2,211,736	57,819	2.6%	1.0%	5,143,422	134,459	2.6%	0.9%	4.4%	2.325
Historical	1999	2,177,547	145,418	6.7%	2.3%	4,845,851	323,610	6.7%	2.2%	4.4%	2.225
Experience	2000	2,103,843	183,682	8.7%	3.5%	4,480,222	391,158	8.7%	3.3%	4.4%	2.129
	2001	2,083,571	261,130	12.5%	4.9%	4,245,984	532,140	12.5%	4.5%	4.4%	2.037
	2002	2,038,936	341,384	16.7%	6.4%	3,976,099	665,728	16.7%	5.9%	4.4%	1.950
	2003	1,978,007	384,450	19.4%	7.9%	3,691,179	717,425	19.4%	7.2%	4.4%	1.866
	2004	1,939,098	414,334	21.4%	9.2%	3,462,748	739,898	21.4%	8.4% 9.6%	4.4%	1.785
	2005 2006	1,911,502 1,881,121	481,579 488,523	25.2% 26.0%	10.7% 11.9%	3,266,477 3,076,133	822,947 798,865	25.2% 26.0%	10.6%	4.4% 4.4%	1.708 1.635
	2007	1,850,977	506,146	27.3%	13.0%	2,896,499	792,042	27.3%	11.5%	4.4%	1.564
	2008	1,815,689	1,739,301	95.8%	18.6%	2,718,926	2,604,537	95.8%	15.8%	4.3%	1.497
	2009	1,797,578	2,259,637	125.7%	25.3%	2,575,890	3,238,011	125.7%	20.7%	4.3%	1.433
	2010	1,755,875	2,481,834	141.3%	32.0%	2,407,780	3,403,267	141.3%	25.6%	4.3%	1.371
	2011	1,818,290	1,845,701	101.5%	35.9%	2,385,999	2,421,968	101.5%	28.6%	4.3%	1.312
	2012	1,812,815	1,842,691	101.6%	39.4%	2,276,377	2,313,892	101.6%	31.2%	4.2%	1.255
	2013	1,752,885	2,471,605	141.0%	44.3%	2,106,337	2,969,980	141.0%	34.7%	4.2%	1.201
	2014	1,749,870	3,060,185	174.9%	50.4%	2,012,167	3,518,892	174.9%	38.8%	4.1%	1.149
	2015	1,837,788	3,813,599	207.5%	57.7%	2,027,117	4,206,475	207.5%	43.7%	4.0%	1.103
	2016	1,832,029	4,884,299	266.6%	67.0%	1,943,043	5,180,268	266.6%	49.7%	4.0%	1.060
	2017	1,841,657	4,739,165	257.3%	75.1%	1,878,129	4,833,019	257.3%	55.0%	4.0%	1.019
	2018	1,824,555	6,291,696	344.8%	86.0%	1,789,124	6,169,516	344.8%	61.8%	4.0%	0.980
Designatori	2019	1,729,391	6,489,416	375.2%	96.7%	1,630,584	6,118,650	375.2%	68.4%	4.0%	0.942
Projected	2020	1,562,559	6,537,465	418.4%	107.1%	1,416,619	5,926,878	418.4%	74.7%	4.0%	0.906
Future	2021 2022	1,401,173 1,248,998	5,744,864 5,680,837	410.0% 454.8%	115.7% 124.0%	1,221,448 1,046,916	5,007,985 4,761,703	410.0% 454.8%	79.9% 84.7%	4.0% 4.0%	0.871 0.838
Experience	2023	1,106,870	5,557,862	502.1%	132.0%	892,100	4,479,447	502.1%	89.2%	4.0%	0.806
	2024	975,320	5,492,581	563.2%	140.0%	755,841	4,256,570	563.2%	93.6%		0.775
	2025	854,639	5,394,303	631.2%	147.8%	636,843	4,019,623	631.2%	97.7%		0.745
	2026	744,808	5,264,482	706.8%	155.4%	533,655	3,772,005	706.8%	101.6%		0.716
	2027	645,604	5,107,035	791.0%	162.8%	444,784	3,518,456	791.0%	105.2%		0.688
	2028	556,667	4,925,441	884.8%	170.0%	368,761	3,262,835	884.8%	108.6%		0.662
	2029	477,460	4,724,975	989.6%	177.0%	304,126	3,009,651	989.6%	111.8%	4.0%	0.637
	2030	407,394	4,510,408	1107.1%	183.6%	249,516	2,762,479	1107.1%	114.7%		0.612
	2031	345,776	4,283,839	1238.9%	190.0%	203,631	2,522,802	1238.9%	117.4%		0.588
	2032	291,918	4,046,395	1386.1%	196.1%	165,302	2,291,316	1386.1%	119.8%		0.566
	2033	245,185	3,802,022	1550.7%	201.9%	133,499	2,070,131	1550.7%	122.0%		0.544
	2034	204,896	3,553,337	1734.2%	207.3%	107,271	1,860,314	1734.2%	124.0%		0.523
	2035	170,361	3,302,008	1938.2%	212.4%	85,760	1,662,243	1938.2%	125.9%		0.503
	2036 2037	140,933	3,049,134	2163.5% 2410.0%	217.1% 221.5%	68,217 53,000	1,475,909	2163.5% 2410.0%	127.5% 128.9%		0.484 0.465
	2038	116,001 95,018	2,795,589 2,547,559	2681.1%	225.5%	53,990 42,523	1,301,138 1,140,094	2681.1%	130.2%		0.465
	2039	95,018 77,456	2,347,559 2,311,997	2984.9%	229.2%	33,330	994,880	2984.9%	131.3%		0.447
	2040	62,817	2,087,790	3323.6%	232.5%	25,991	863,847	3323.6%	132.2%		0.413
	2041	50,695	1,873,601	3695.8%	235.5%	20,169	745,407	3695.8%	133.1%		0.397
	2042	40,722	1,672,480	4107.1%	238.2%	15,578	639,800	4107.1%	133.8%		0.382
	2043	32,551	1,486,260	4565.9%	240.6%	11,973	546,694	4565.9%	134.4%		0.367
	2044	25,896	1,315,102	5078.4%	242.7%	9,159	465,132	5078.4%	134.9%	4.0%	0.353
	2045	20,508	1,159,214	5652.6%	244.6%	6,974	394,227	5652.6%	135.4%		0.340
	2046	16,172	1,018,375	6297.1%	246.3%	5,288	333,010	6297.1%	135.8%		0.327
	2047	12,697	890,838	7016.1%	247.8%	3,992	280,101	7016.1%	136.1%		0.314
	2048	9,922	775,011	7811.4%	249.0%	3,000	234,310	7811.4%	136.3%		0.302
	2049	7,715	669,861	8682.6%	250.2%	2,243	194,731	8682.6%	136.6%		0.290
	2050	5,960 4.570	575,459	9654.6%	251.1%	1,666	160,854	9654.6%	136.7%		0.279
	2051	4,570 3,474	491,638 417,531	10758.1%	251.9% 252.6%	1,228	132,138	10758.1%	136.9%		0.268
	2052 2053	3,474 2,613	417,521 352,604	12019.1% 13494.0%	252.6% 253.2%	898 649	107,902 87,620	12019.1% 13494.0%	137.0% 137.1%		0.258 0.248
	2053 2054	2,613 1,941	352,604 296,030	15250.9%	253.2% 253.7%	464	87,620 70,732	13494.0%	137.1% 137.2%		0.248
	2055	1,422	246,332	17320.0%	253.7% 254.1%	327	70,732 56,594	17320.0%	137.2%		0.23
	2056	1,025	202,836	19788.5%	254.1% 254.5%	226	44,809	19788.5%	137.3%		0.22
	2057	725	165,310	22814.5%	254.7%	154	35,114	22814.5%	137.4%	4.0%	0.212
		7.20	. 55,510		20 111 70	10 1			.57.170	11.0 70	J.2 12
	Past	43,171,342	32,415,813	75.1%	0.0%	73,916,850	40,640,982	55.0%	0.0%		
	Future	15,524,407	117,109,507	754.4%	0.0%	12,293,822	77,777,647	632.7%	0.0%		
	Lifetime	58,695,750	149,525,321	254.7%	0.0%	86,210,672	118,418,629	137.4%	0.0%		

## Attachment 4 Brighthouse Life Insurance Company Pennsylvania Written Premium and Paid Claim Experience Projections with 56.1% Increase LTC3+ Comprehensive Policy Form

		Loss Ratio Demonstration								Interest Ra	te Factors
		Without Interest				With Interest				Calendar Year	Mid-Year
	Calendar Year	Written Premium	Paid Claims	Loss Ratio	Accumulated Loss Ratio	Written Premium	Paid Claims	Loss Ratio	Accumulated Loss Ratio	Effective Int Rate	Disc / Accum Factor
	1993	0	0	0.0%	0.0%	0	0	0.0%	0.0%	0.0%	0.0000
	1994	102,334	0	0.0%	0.0%	283,795	0	0.0%	0.0%	4.4%	2.7732
	1995	661,683	0	0.0%	0.0%	1,755,971	0	0.0%	0.0%	4.4%	2.6538
	1996	1,956,014	0	0.0%	0.0%	4,967,334	0	0.0%	0.0%	4.4%	2.5395
	1997	2,260,496	13,332	0.6%	0.3%	5,493,371	32,398	0.6%	0.3%	4.4%	2.4302
	1998	2,211,736	57,819	2.6%	1.0%	5,143,422	134,459	2.6%	0.9%	4.4%	2.3255
Historical	1999	2,177,547	145,418	6.7%	2.3%	4,845,851	323,610	6.7%	2.2%	4.4%	2.2254
Experience	2000	2,103,843	183,682	8.7%	3.5%	4,480,222	391,158	8.7%	3.3%	4.4%	2.1295
	2001	2,083,571	261,130	12.5%	4.9%	4,245,984	532,140	12.5%	4.5%	4.4%	2.0378
	2002	2,038,936	341,384	16.7%	6.4%	3,976,099	665,728	16.7%	5.9%	4.4%	1.9501
	2003	1,978,007	384,450	19.4%	7.9%	3,691,179	717,425	19.4%	7.2%	4.4%	1.866
	2004	1,939,098	414,334	21.4%	9.2%	3,462,748	739,898	21.4%	8.4%	4.4%	1.7858
	2005	1,911,502	481,579	25.2%	10.7%	3,266,477	822,947	25.2%	9.6%	4.4%	1.7089
	2006	1,881,121	488,523	26.0%	11.9%	3,076,133	798,865	26.0%	10.6%	4.4%	1.6353
	2007	1,850,977	506,146	27.3%	13.0%	2,896,499	792,042	27.3%	11.5%	4.4%	1.5648
	2008	1,815,689	1,739,301	95.8%	18.6%	2,718,926	2,604,537	95.8%	15.8%	4.3%	1.4975
	2009	1,797,578	2,259,637	125.7%	25.3%	2,575,890	3,238,011	125.7%	20.7%	4.3%	1.4330
	2010	1,755,875	2,481,834	141.3%	32.0%	2,407,780	3,403,267	141.3%	25.6%	4.3%	1.3713
	2011	1,818,290	1,845,701	101.5%	35.9%	2,385,999	2,421,968	101.5%	28.6%	4.3%	1.3122
	2012	1,812,815	1,842,691	101.6%	39.4%	2,276,377	2,313,892	101.6%	31.2%	4.2%	1.2557
	2012	1,812,815 1,752,885	2,471,605	141.0%	44.3%	2,276,377 2,106,337	2,313,892	141.0%	34.7%	4.2%	1.2016
		1,752,885		174.9%						4.2% 4.1%	1.2016
	2014 2015	1,749,870 1,837,788	3,060,185 3,813,599	174.9% 207.5%	50.4% 57.7%	2,012,167 2,027,117	3,518,892 4,206,475	174.9% 207.5%	38.8% 43.7%	4.1% 4.0%	1.1499
								207.5%	49.7%		1.0606
	2016	1,832,029	4,884,299	266.6%	67.0%	1,943,043	5,180,268			4.0% 4.0%	
	2017 2018	1,841,657 1,825,326	4,739,165	257.3% 344.7%	75.1% 86.0%	1,878,129 1,789,879	4,833,019 6,169,516	257.3% 344.7%	55.0% 61.8%	4.0%	1.0198 0.9806
			6,291,696								
Destantal	2019	2,127,678	6,481,611	304.6%	95.9%	2,006,116	6,111,291	304.6%	68.1%	4.0%	0.9429
Projected	2020	2,240,055	6,477,115	289.1%	104.7%	2,030,839	5,872,165	289.1%	73.7%	4.0%	0.9066
Future	2021	2,018,867	5,619,679	278.4%	111.5%	1,759,913	4,898,858	278.4%	78.1%	4.0%	0.8717
Experience	2022	1,799,561	5,506,756	306.0%	118.1%	1,508,400	4,615,787	306.0%	82.3%	4.0%	0.8382
	2023	1,594,742	5,355,439	335.8%	124.4%	1,285,308	4,316,301	335.8%	86.2%	4.0%	0.8060
	2024	1,405,172	5,275,410	375.4%	130.7%	1,088,962	4,088,270	375.4%	89.8%	4.0%	0.7750
	2025	1,231,273	5,169,810	419.9%	136.9%	917,496	3,852,339	419.9%	93.4%	4.0%	0.7452
	2026	1,073,016	5,038,054	469.5%	143.0%	768,816	3,609,769	469.5%	96.7%	4.0%	0.7165
	2027	930,076	4,881,332	524.8%	149.0%	640,769	3,362,959	524.8%	99.8%	4.0%	0.6889
	2028	801,934	4,702,533	586.4%		531,237	3,115,171	586.4%	102.7%	4.0%	0.6624
	2029	687,816	4,506,558	655.2%		438,116	2,870,527	655.2%	105.5%	4.0%	0.6370
	2030	586,871	4,297,870	732.3%		359,439	2,632,307	732.3%	108.0%	4.0%	0.6125
	2031	498,098	4,078,464	818.8%		293,336	2,401,854	818.8%	110.3%	4.0%	0.5889
	2032	420,510	3,849,346	915.4%	176.2%	238,118	2,179,734	915.4%	112.5%	4.0%	0.5663
	2033	353,186	3,614,210	1023.3%	180.9%	192,303	1,967,871	1023.3%	114.4%	4.0%	0.5445
	2034	295,147	3,375,498	1143.7%		154,521	1,767,208	1143.7%	116.2%	4.0%	0.5235
	2035	245,398	3,134,753	1277.4%		123,534	1,578,047	1277.4%	117.8%	4.0%	0.5034
	2036	203,006	2,892,985	1425.1%	193.6%	98,264	1,400,327	1425.1%	119.2%	4.0%	0.4840
	2037	167,092	2,650,986	1586.5%	197.3%	77,769	1,233,835	1586.5%	120.5%	4.0%	0.4654
	2038	136,866	2,414,561	1764.2%	200.6%	61,251	1,080,574	1764.2%	121.6%	4.0%	0.4475
	2039	111,570	2,190,253	1963.1%	203.7%	48,010	942,492	1963.1%	122.6%	4.0%	0.4303
	2040	90,483	1,976,979	2184.9%	206.5%	37,438	817,998	2184.9%	123.4%	4.0%	0.4138
	2041	73,021	1,773,442	2428.7%	209.0%	29,051	705,559	2428.7%	124.2%	4.0%	0.3978
	2042	58,655	1,582,483	2697.9%	211.3%	22,438	605,372	2697.9%	124.8%	4.0%	0.3825
	2043	46,887	1,405,795	2998.3%	213.4%	17,246	517,097	2998.3%	125.3%	4.0%	0.3678
	2044	37,300	1,243,496	3333.8%	215.2%	13,192	439,806	3333.8%	125.8%	4.0%	0.3537
	2045	29,539	1,095,754	3709.5%	216.8%	10,046	372,646	3709.5%	126.2%	4.0%	0.340
	2046	23,294	962,354	4131.3%	218.2%	7,617	314,691	4131.3%	126.5%	4.0%	0.3270
	2047	18,289	841,612	4601.8%	219.4%	5,750	264,624	4601.8%	126.8%	4.0%	0.314
	2048	14,291	732,010	5122.2%	220.5%	4,321	221,310	5122.2%	127.1%	4.0%	0.3023
	2049	11,112	632,554	5692.3%	221.5%	3,230	183,886	5692.3%	127.3%	4.0%	0.290
	2050	8,585	543,300	6328.2%	222.3%	2,400	151,864	6328.2%	127.4%	4.0%	0.279
	2051	6,582	464,075	7050.2%	223.0%	1,769	124,730	7050.2%	127.6%	4.0%	0.2688
	2052	5,004	394,045	7875.2%	223.6%	1,293	101,835	7875.2%	127.7%	4.0%	0.2584
	2053	3,764	332,725	8840.2%	224.1%	935	82,680	8840.2%	127.7%	4.0%	0.248
	2054	2,796	279,298	9989.7%	224.1%	668	66,735	9989.7%	127.8%	4.0%	0.2389
	2055	2,796 2,049	279,296	11343.5%		471	53,388	11343.5%	127.8%	4.0%	0.238
	2056	1,476 1,044	191,323	12958.7%		326	42,265 33,118	12958.7%	127.9%	4.0%	0.2209
	2057	1,044	155,910	14938.7%	225.4%	222	33,118	14938.7%	128.0%	4.0%	0.212
	Past	43,171,342	32,415,813	75.1%	0.0%	73,916,850	40,640,982	55.0%	0.0%		
	Future	21,187,432	112,644,454	531.7%	0.0%	16,570,812	75,166,805	453.6%	0.0%		
	Lifetime	64,358,774	145,060,267	225.4%	0.0%	90,487,661	115,807,787	128.0%	0.0%		

### Attachment 5 Brighthouse Life Insurance Company Reserve Balance at 12/31/2017 LTC3+ Comprehensive Policy Form

Nationwide Pennsylvania Claim Year-End Active Year-End Active Incurred Claim Reserve<sup>(1)</sup> Reserve<sup>(1)</sup> Year Life Reserve Life Reserve 1993 0 0 1994 1995 0 41,910 0 1996 0 1997 0 0 0 1998 309,520 0 1999 0 86,314 2000 2001 269,681 0 0 2002 48,807 0 2003 766,648 2004 384,796 0 2005 1,436,224 0 2006 966,866 240,410 2007 1,851,571 213,345 2008 2,876,493 31,924 2009 4,371,618 89,117 2010 7,218,403 95,265 2011 10,029,469 168,620 2012 19,205,648 228,300 2013 30,922,106 743,256 2014 40,442,980 1,218,618 2015 64,363,004 2,300,894 2016 91,206,625 2,423,270 730,229,049 2017 126,652,764 4,376,910 31,565,479

<sup>(1)</sup> Claim reserve is the sum of disabled life reserve and incurred but not reported reserve. Each of these items are discounted to incurral using 4.5%.

# Attachment 6 Brighthouse Life Insurance Company Nationwide Actual Experience Projections by Duration, with No Increase With No Interest LTC3+ Comprehensive Policy Form

Policy	Earned	Incurred	IC/EP
Duration	Premium	Claims	Loss Ratio
1	64,789,566	5,107,471	7.9%
2	61,919,643	8,227,175	13.3%
3	60,206,961	14,269,692	23.7%
4	58,891,849	12,124,092	20.6%
5	58,054,517	18,716,056	32.2%
6	57,435,019	29,719,503	51.7%
7	56,702,378	29,723,117	52.4%
8	55,635,692	35,567,552	63.9%
9	54,348,333	43,804,735	80.6%
10	52,826,207	51,801,494	98.1%
11	51,597,994	54,262,685	105.2%
12	50,640,093	58,259,023	115.0%
13	49,563,022	73,117,579	147.5%
14	48,715,545	83,979,585	172.4%
15	47,535,901	99,699,656	209.7%
16	47,128,552	105,023,823	222.8%
17	47,359,167	119,889,300	253.1%
18	46,353,370	125,848,658	271.5%
19	46,125,554	134,951,746	292.6%
20	46,763,731	130,665,749	279.4%
21	46,939,050	129,789,424	276.5%
22	47,864,566	133,478,151	278.9%
23	47,375,883	128,199,442	270.6%
24	44,912,917	130,034,079	289.5%
25	41,012,079	131,537,414	320.7%
26	36,655,890	130,254,024	355.3%
27	32,459,482	127,996,679	394.3%
28	28,557,144	124,624,318	436.4%
29			
30	24,965,480	120,391,046	482.2% 532.1%
31	21,689,750	115,420,325	
32	18,728,937	109,897,711	586.8% 647.0%
33	16,075,783	104,017,007	647.0%
34	13,717,901	97,779,540 91,414,360	712.8% 785.4%
35	11,639,037 9,820,115	84,865,752	864.2%
36	8,240,418	78,322,247	950.5%
37	6,878,535	71,973,079	1046.3%
38	5,712,560	65,748,932	1151.0%
39	4,720,619	59,654,430	
			1263.7%
40 41	3,881,691	53,711,551 48,094,985	1383.7% 1514.3%
42	3,176,086		1658.2%
43	2,585,739 2,094,232	42,877,099 37,976,948	1813.4%
43			1979.2%
45	1,686,980 1,351,167	33,389,081 29,079,060	2152.1%
46	1,075,658	25,108,596	2334.3%
47			2534.3% 2531.0%
48	850,883 668 532	21,536,046	2531.0% 2744.7%
49	668,532 521,518	18,349,282	
	521,518	15,469,388	2966.2%
50 51	403,872	12,913,375	3197.4% 3444.3%
51 52	310,445	10,692,767	3444.3% 3600.6%
52 53	236,794	8,739,023	3690.6%
53 54	179,211	7,071,786	3946.1%
54 55	134,558	5,689,327	4228.1%
55 56	100,225	4,533,536	4523.3%
56 57	74,057	3,576,198	4829.0%
57	54,274	2,808,936	5175.5%
58	39,454	2,182,394	5531.5%
59	28,436	1,665,098	5855.5%
60 Total	20,323	1,262,237	6211.0%
Total	1,550,033,375	3,656,883,366	235.9%

## Attachment 7 Brighthouse Life Insurance Company Pennsylvania Actual Experience Projections by Duration, with No Increase With No Interest LTC3+ Comprehensive Policy Form

Policy Earned IC/EP Incurred Duration Premium Claims Loss Ratio 2,358,260 38,451 1.6% 2 2,279,778 18,961 0.8% 3 2,242,115 140,668 6.3% 4 64,628 3.0% 2,181,375 16.1% 5 2,126,633 343,436 2,094,109 6 615,365 29.4% 7 2,043,711 329,623 16.1% 8 1,992,951 1,812,158 90.9% 9 1,040,247 1,948,513 53.4% 10 1,920,495 2,031,853 105.8% 1,444,380 75.9% 1,904,243 11 12 1,859,411 1,817,830 97.8% 13 1,818,543 1,657,728 91.2% 54.5% 14 1,786,671 973,722 15 1,746,561 1,987,908 113.8% 16 1,793,132 2,759,554 153.9% 17 1,822,658 3,692,094 202.6% 1,767,458 18 4,044,130 228.8% 19 1,783,073 3,592,046 201.5% 20 5,149,080 287.3% 1,792,258 21 3,435,942 191.9% 1,790,359 22 5,655,986 308.4% 1,833,922 23 1,811,858 5,381,704 297.0% 24 1,726,845 5,238,842 303.4% 25 1,586,191 5,342,781 336.8% 26 1,428,720 5,358,472 375.1% 27 5,321,349 417.1% 1,275,908 462.5% 28 1,132,721 5,238,903 29 999,762 5,112,137 511.3% 30 877,330 4,954,062 564.7% 31 765,522 4,767,631 622.8% 32 664,284 4,557,267 686.0% 33 4,333,320 755.8% 573,325 34 492,176 4,098,567 832.7% 35 420,229 3,850,037 916.2% 36 356,826 3,598,706 1008.5% 37 301,355 3,348,198 1111.0% 38 253,186 3,097,994 1223.6% 39 211,618 2,845,414 1344.6% 40 175,962 2,589,527 1471.6% 41 145,573 2,343,316 1609.7% 42 119,835 2,114,374 1764.4% 43 1935.5% 98,176 1,900,154 44 80,049 1,692,883 2114.8% 45 64,956 1,499,744 2308.9% 46 52,457 1,319,517 2515.4% 47 42,165 1,155,326 2740.0% 48 33,729 1,011,526 2999.0% 49 3273.9% 26,843 878,804 50 21.260 760,606 3577.7% 51 16,762 655,361 3909.8% 556,022 52 13,153 4227.3% 10,268 53 467,853 4556.4% 54 7,973 392,189 4919.1% 55 6,151 326,736 5312.1% 56 4,711 268,838 5706.3% 57 3,578 221,706 6195.8% 58 2,691 180,785 6718.5% 59 2,001 144,036 7199.1% 60 1,468 113,761 7747.8% 58,693,845 Total 139,684,238 238.0%

### **Brighthouse**

FINANCIAL
Brighthouse Life Insurance Company
PO Box 40006
Lynchburg, VA 24506

February 26, 2019

Honorable Jessica Altman Insurance Commissioner Pennsylvania Department of Insurance (Department) 1326 Strawberry Square Harrisburg, Pennsylvania 17120

RE: Brighthouse Life Insurance Company

Company NAIC # 87726

SERFF Tracking # MILL-131718987

### Dear Commissioner Altman:

This letter sets forth the conditions under which Milliman USA ("Milliman") is authorized to act on behalf of Brighthouse Life Insurance Company, which operates under the Brighthouse Financial brand, with respect to the individual long term care insurance rate filing referenced above (the "LTC Rate Filings") and outlines the relationship between Brighthouse Life Insurance Company and Genworth Life Insurance Company ("GLIC").

Please be advised that Milliman USA ("Milliman") has been retained by GLIC, as administrator, to provide actuarial support for the LTC Rate Filings. GLIC is the reinsurer and administrator of the Brighthouse Life Insurance Company long term care insurance policies ("Reinsured Policies"), which are the subject of the LTC Rate Filings, under and Indemnity Reinsurance Agreement and an Administrative Services Agreement, both dated July 1, 2000 (the "Agreements"). GLIC has since retroceded the Reinsured Policies to Union Fidelity Life Insurance Company, under a Retrocession Agreement dated April 15, 2004.

In connection with the retention of Milliman, and subject to the conditions in the next sentence, Brighthouse Life Insurance Company hereby authorizes Milliman to enter into written and oral communications, including the submission and receipt of written materials, with your Department, for the purpose of completing the rate filing process and responding to your review of this filing. This authorization is subject to Milliman's agreement to act in accordance with the applicable terms and conditions to which GLIC is subject under the Agreements.

Should you have any questions regarding this letter, please contact Meredith Ratajczak, Chief Actuary, at 11225 North Community House Road, Charlotte, NC 28277, or via email at meredith.ratajczak@brighthousefinancial.com, or by telephone at 980 949 4427.

Sincerely,

D. Burt Arrington

Vice President and Assistant Secretary Brighthouse Life Insurance Company



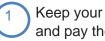
[company name short] [company addr 1] [company addr2] [company city, st zip]

### **IMPORTANT CHANGE - DECISION REQUIRED**

[mailing name1] [mailing name2] [address line 1] faddress line 21 faddress line 31 [address line 4] [address line 5]

### The premium on your long term care insurance policy is increasing.

### You have [3] options:



Keep your current coverage the same and pay the premium increase



Adjust your coverage to reduce your premiums



<If nonfor available> {See Addendum for CNF, OLB & NFO text variations}

### Dear [insured\_name1],

Thank you for choosing Brighthouse Life Insurance Company for your long term care insurance needs. We value your business and are committed to providing quality service and being here when you need us the most.

This letter is to inform you that, as a result of higher than expected aggregate policyholder claims costs, the premium on your current long term care coverage will increase from [\$99,999.99] to [\$99,999.99] beginning on [Mmmm dd, yyyy]. [<if phased>This increase will take place in a phased manner detailed on the enclosed option page.] Please note that this increase is not due to a change in your health, age, or claims history.

Given this change, we are offering you several choices to adjust your coverage to meet your needs. These options and your personalized information are outlined on the enclosed pages. We encourage you to discuss them with your financial advisor or a member of our Customer Service Team by calling [999 999.9999] before making a decision.

Once again, thank you for being a Brighthouse Life Insurance Company policyholder.

Sincerely,

Your Customer Service Team

P.S. This premium increase notice is not a bill. [<if not EFT>-you will be billed separately.] Please take time to read the Important Information Regarding This Premium Increase included with this letter.

Underwritten by Brighthouse Life Insurance Company, Lynchburg, VA

NOTE: gray shading indicates print in blue font

### **Long Term Care Insurance**

Premium Increase Notice [mm/dd/yyyy] [company name long] [Company Copyright]

### Policyholder:

[Insured\_name1]

### **Policy Number:**

[policy\_number]

### Agent:

[servicing agent name] [servicing agency name] [servicing\_agent\_address1] [servicing agent address2] [servicing agent address3] [servicing\_agent\_address4] [servicing agent address5] [servicing\_agent\_phone]

### **Customer Service:**

### [999 999.9999]

[company\_hours1] [company\_hours2]

[Fax: [company\_fax]

### Addendum

### For point #3 in top right:

[<if CNF > Pay nothing more and receive coverage equal to 30 times your Nursing Home Daily benefit or the total premiums you have paid excluding waived premium whichever is greater <or if OLB> Pay nothing more and receive coverage equal to premiums you have paid minus any benefits paid <or if NFO>The Non-Forfeiture rider, if exercised, results in a paid-up long term care insurance benefit according to your contract provisions]

### **Brighthouse**

### **Coverage Options**

Page [1] of [m]

[company name short] Customer service:
[company address 1] [company\_phone]
[company city state zip] [company hours2]

[company hours1]
Fax: [company fax]

NOTE: gray shading indicates print in blue font

Policyholder: [insured name2]
Date: [mm/dd/yyyy]
Policy number: [policy number]
Premium before increase: [\$99,999.99] [mode]

•	Your options:	1 Keep current coverage 2 Adjust your coverage							3 Pay nothing more
	If you are adjusting your coverage, simply check the blue box beside your selection below, and sign and return this page to the fax or address above. If you choose to keep your current coverage, no action is required.	If you are comfortable with your current level of coverage, pay the increased premium [ <not eft=""> when you receive your next bill]. If we don't hear from you by [Mmmmm dd, yyyy] this [999.999%] increase will take effect.</not>		you are comfortable ducing the total amongth of time benefits gin, and/or modifyin low allows you to mile keeping your produce your benefits	[See Addendum for nonforfeiture wording placed here.] If you select this option, you will receive a follow-up letter confirming the amount of your coverage.				
	[Daily maximum benefit]	[\$500.00]		[\$400.00]		[\$500.00]		[\$500.00]	
	[Benefit coverage period]	[Unlimited]		[6 years]		[6 years]		[4 years]	
	[Elimination period]	[100 days]		[100 days]		[100 days]		[100 days]	
•	[Inflation protection]	[Compound 5%]		[Compound 5%]		[Compound 5%]		[Compound 3%]	
	[Mode] premium	[\$99,999.99]		[\$99,999.99]		[\$99,999.99]		[\$99,999.99]	Pay nothing more

<if CPI> These amounts do not reflect increases in your premium that may occur as a result of your acceptance of the Cost of Inflation benefit offers that you may receive. As a result, the premium amounts may vary based on benefit increases actually accepted. <if Phased> Your policies rate increase is phasing in over a number of years; the remaining dates are listed on the reverse. The amount of the phased guarterly rate increase will vary depending on your selection above.

You do not need to return this form if you are keeping your current coverage. If changing your coverage, please remember to check the blue box above to indicate your choice, then sign and return this form by: [Mmmmm dd, yyyy].

Policyholder Signature		Date	

By signing, you (1) authorize [company name] to make the requested changes to your Long Term Care Insurance policy; and (2) represent that you have read and understand the information

contained in this form and the enclosed letters, including the Important Information Regarding This Premium Increase.

### Coverage Options

Page [2] of [m]

Policyholder:

Date: [insured\_ name1]
Policy number: [mm/dd/yyyy]
Premium before [contract number]
increase: [\$99,999.99] [Mode]

### **Phased Premiums:**

The amount of the phased [Mode] rate increase will vary depending on your selection on the first page.

Date of phased increase	Keep current coverage:	[Alternative [A]]	[Alternative B]	[Alternative C]
[mm/dd/yyyy]	[\$99,999.99]	[\$99,999.99]	[\$99,999.99]	[\$99,999.99]
[mm/dd/yyyy]	[\$99,999.99]	[\$99,999.99]	[\$99,999.99]	[\$99,999.99]
[mm/dd/yyyy]	[\$99,999.99]	[\$99,999.99]	[\$99,999.99]	[\$99,999.99]
 [mm/dd/yyyy]	 [\$99,999.99]	[\$99,999.99]	[\$99,999.99]	[\$99,999.99]
-				

### Addendum:

### Rules for printing nonforfeiture text in the "3 Pay nothing more" column:

[<if contingent nonforfeiture>If you would like to stop paying premiums on your contract you can elect the Contingent Nonforfeiture benefit. Your new coverage maximum will be either 30 times your Nursing Home Daily benefit or equal to the total premiums you have paid on your contract excluding waived premium whichever is greater.

[<if nonforfeiture Rider>If you would like to stop paying premiums on your contract you may exercise the non-forfeiture rider that you purchased with your contract.

[<if OLB> If you would like to stop paying premiums on your policy you can choose an optional limited benefit. Your new coverage maximum will be roughly equal to the total premiums you have paid on your policy, minus any benefits paid. Please refer to the enclosed endorsement for additional details regarding this benefit.



### Important Information Regarding This Premium Increase

Page 1 of 2

### About this premium increase

This premium increase is based on our expectation of aggregate future claims by our insureds. All policyholders in your class are receiving this rate increase and it is not due to a change in your individual health, age, claims history, or any other individual characteristic. States require insurance companies to notify them of a rate increase for long term care policys. Additionally, state regulation requires insurers to support rate increase requests with actuarial justification.

### **Guaranteed renewable**

Your long term care insurance coverage is guaranteed renewable, meaning that we cannot cancel or refuse to continue your coverage because of a change in your individual health or age. As long as you pay the required premium on time and have not used all your benefits, coverage will continue.

Guaranteed renewable does not mean that premiums are guaranteed to remain the same indefinitely. In accordance with the terms of your policy, we reserve the right to change premiums and it is [possible or likely] that your premium will increase again in the future.

### **Benefits**

The benefit values presented in the accompanying letter are approximate due to rounding. Covered benefits payable at the time of a claim will be calculated in accordance with your policy. Benefits are payable only when you meet the terms and conditions for receiving benefits under your policy.

### Considerations related to reducing your benefits

All of the options available to you as alternatives to paying the full premium increase may not be of equal value. Some states require policyholders to maintain minimum benefit levels, which may reduce the options available.

If your daily/monthly benefit amount and/or the benefit period are reduced, the maximum benefits payable under your policy will automatically be reduced because the policy maximum is a function of the daily benefit amount and the benefit period. In addition, other benefit amounts may be reduced. Changes to the daily/monthly maximum benefit and/or benefit increase offer will change the related original amounts and the amount of any benefit increase option increment. If you elect to drop or reduce your benefit increase option (if applicable), you will keep your increased daily/monthly maximum benefit and your premium will be adjusted accordingly. You may also reduce your daily/monthly maximum benefit and your premium will be further adjusted.

Any benefits paid or payable are deducted from the reduced policy maximum. If you have previously been on claim, adjusting your elimination period may not be appropriate. Reducing benefits while you are receiving policy benefits is generally not advisable.

If you can't pay further premiums you may have the option of stopping further payments and obtaining a benefit for long term care services approximately equal to the amount of premium paid, please refer to the Coverage Options page for further details.

### Select a Limited Benefit with No Further Premium Requirement

### <if NFO Rider on Policy >

You may exercise the Non-Forfeiture Rider. Your policy includes the Non-Forfeiture Rider which you may elect to exercise at any time. This Rider allows you to have a paid-up long term care insurance benefit as described in the Rider.

**Please note:** This rider could significantly reduce the policy benefits. Please review the Non-Forfeiture Rider in your policy for more detailed information prior to making this election.

<0R>

### <if CNF >

You may elect a Contingent Non-Forfeiture Benefit. This rate increase qualifies you to receive a Contingent Non-Forfeiture Benefit which is available up to 120 days after the next Billing Anniversary Date on which your rate increase is effective. This endorsement allows you to reduce your policy benefits so the required premium payments are not increased and convert your coverage to a paid-up status with a shortened benefit period and reduced benefits plan. A policy lapse at any time during the 120-day period following the due date of the increased premium will be deemed an election of this benefit.

**Please note:** This Endorsement could significantly reduce the policy benefit. Please review the Contingent Non-Forfeiture Benefit Endorsement for more detailed information prior to making this election.

### <0R>

### <if OLB>

You may elect an Optional Limited Benefit. As a result of this premium increase, we are offering an Optional Limited Benefit. This endorsement allows you to elect a limited paid-up long term care insurance benefit, which is available up to 120 days after the next Billing Anniversary Date on which your rate increase is effective. This benefit provides a paid-up benefit with total coverage equal to the total premium paid, excluding waived premium, less any claims paid. A policy lapse at any time during the 120-day period following the due date of the increased premium will be deemed an election of this benefit.

**Please note**: This Endorsement could significantly reduce the policy benefits. Please review the Optional Limited Benefit Endorsement for more detailed information prior to making this election.

### Waiver of premium benefit

If you are currently using a Waiver of Premium benefit, you will not be required to pay the increased premium until the Waiver of Premium benefit no longer applies, as provided for in your policy. If your policy does not provide a Waiver of Premium benefit, you will be required to pay the increased premium, even if you are receiving policy benefits. Prior to paying your bill with the increased premium you may want to contact one of our customer service representatives to discuss options you may have to reduce your premiums by changing your policy benefits.

### Payments by automatic withdrawal/third-party account/online banking

If you are using automatic withdrawals, a third-party account, or online banking to pay your premiums, please be sure to make the proper adjustments and arrangements for paying the new premium amount.

### Time frame to reverse decision

If you opt to reduce your benefits or cancel your coverage, your request to reverse any such decision must be in writing and received by us no more than 60 days after the date of our written confirmation of your reduction.

### <For those states that require the rate increase history (currently AL, NH and VA)>

### Rate increase history

In accordance with the requirements of [issue state] where your policy was issued, we are providing you with the history of previous rate increases that have been implemented on policys that were underwritten by Brighthouse Life Insurance Company